

Applicant: **Fiedler, Peggy**  
Organisation: **The Red List Project**  
Funding Sought: **£9,700.00**

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# **DIR27PP\1070**

**Community-based Conservation of Endangered Flora in the Greater Antilles**

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## Section 1 - Contact Details

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### PRIMARY APPLICANT DETAILS

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Title Dr  
Name Peggy  
Surname Fiedler  
Organisation The Red List Project  
Website (Work) [www.theredlistproject.org](http://www.theredlistproject.org)  
Tel (Work) [REDACTED]  
Email (Work) [REDACTED]  
Address [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### CONTACT DETAILS

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Title Dr  
Name Vanessa  
Surname Handley  
Organisation The Red List Project  
Website (Work) [https://www.theredlistproject.o  
rg/](https://www.theredlistproject.org/)  
Tel (Mobile) [REDACTED]  
Email (Work) [REDACTED]  
Address [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### GMS ORGANISATION

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Type	Charity/ trusts
Name	The Red List Project
Phone (Work)	[REDACTED]
Email (Work)	[REDACTED]
Website (Work)	[REDACTED]
Address	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

## Section 2 - Title & Location

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### Q3. Working title of the proposed Darwin project

Community-based Conservation of Endangered Flora in the Greater Antilles

### Q4a. Host country (of proposed Partnership Project trip)

Haiti

### Q4b. If this is not the intended host country for the proposed Darwin project, please justify here

Not Applicable

### Q4c. Other collaborating country/ies

Cuba, Dominican Republic

### Q5. Is this a resubmission of a previous scoping/Partnership application?

No

## Section 3 - Partnership Project Principals & Lead Organisation Summary

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### Q6. Principals in Partnership Project work

Please give the details of the individuals (up to 2) who would be directly involved in the Partnership Project work – i.e. making a visit to a host country, or leading on the collaboration.

One page CVs must be uploaded below.

Details	Project Leader	2nd individual
Surname	Fiedler	Handley
Forename(s)	Peggy	Vanessa
Post held	Executive Director	Director of Conservation Science
Organisation	The Red List Project	The Red List Project
		
		
Have you included an one page CV?	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> Yes

Please upload one page CVs for all Principals involved in Partnership Project work as a combined PDF.

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 [DI TRLP cvs 2021](#)

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## Q7a. About the lead applicant organisation

**Briefly discuss your expertise in sustainable use or conservation of biodiversity and/or development. Please refer to recent track record you have in this field. You may be asked to provide evidence of this track record.**

The Red List Project (TRLP) is a nonprofit organization dedicated to conservation of the world's threatened flora. TRLP was founded in 2018 and, through novel partnerships, is forging a new approach to global conservation action. The scientific leadership of TRLP has decades of experience in stewardship of threatened species, rare plant communities, and unique landscapes. Founder, Dr. Peggy Fiedler, is an internationally recognized conservation expert who has dedicated her career to protecting plants and preserving natural areas. For over three decades, Dr. Fiedler has planned and implemented conservation projects, from PVAs to wetland ecosystem restoration, and frequently consults on global initiatives. The TRLP team includes practitioners with broad practical experience in domestic and international conservation and current projects include community-based conservation in southwestern Madagascar, plant conservation in Grand Bois Preserve in Haiti, and landscape genomics and seed banking of California rare plants. TRLP's scientific advisory board includes former Executive Director/CEO of the Royal Botanic Gardens Kew, the current head of the IUCN Red List Unit, the current BGCI Secretary General and former Head of RBG Kew's Millennium Seed Bank, and the former Head of RBG Kew's Restoration Ecology unit. TRLP's unparalleled science leadership all work without compensation on TRLP projects.

## Q7b. Have you obtained a letter of support from the lead applicant organisation?

(If yes, please upload with the partner letters of support on the next page)

Yes

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## Section 4 - Project Partners

### Q8. About the partner organisation(s)

**Please list all the partners involved and explain their roles and responsibilities in the Partnership Project work. Briefly discuss your partner's expertise in sustainable use or conservation of biodiversity and/or development. Please refer to recent track record they have in this field. You may be asked to provide evidence of this track record. If there is more than 1 partner organisation, you can enter the details of more partners below. Please specify which of the partners is new to the partnership.**

**Partner name:** The Red List Project

**Website address:** <https://www.theredlistproject.org>

**Details of anticipated roles and responsibilities:** TRLP will serve as project coordinator for conservation of endangered magnolias across the Greater Antilles. Staff will liaise among countries, plan ex situ and in situ conservation projects and assist in-country partners with implementation. Additionally, TRLP will assist with training of stakeholders – i.e. in propagation, reintroduction, and monitoring.

**Expertise in sustainable use or conservation of biodiversity and/or development:**

TRLP is a collective of many of the world's leaders in plant conservation. TRLP scientists engage in projects that: (1) initiate new plant conservation action, (2) sustain existing conservation action, (3) expand established projects to encompass additional taxa/areas, (4) educate and engage diverse audiences, and (5) provide research expertise for state-of-the art conservation actions. TRLP senior scientists have deep experience in plant conservation and biodiversity studies, including many that have resulted in the publication of topics such as the biology of rarity, evolution of rare species, management of rare plants both in situ and ex situ, and implementation of reintroduction and ecosystem restoration. Much of this work has been conducted in North America, but the TRLP team also has conservation experience in Europe, Australia, Africa, Asia and South America. Additional expertise includes establishment and management of propagation facilities, botanical collections and reserves. This expertise will be essential in the transfer of knowledge and technology to our in-country partners.

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**Name of main contact and post held:**

Dr. Peggy L. Fiedler, Executive Director, The Red List Project

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**Letter of support submitted?**

Yes

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**Do you have more than one partner involved in the Partnership Project work?**

Yes

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**2. Partner Name:**

Planta!

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**Website address:**

<https://www.planta.ngo/en/>

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**Letter of Support:**

Please see uploaded document.

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**Expertise in sustainable use or conservation of biodiversity and/or development:**

Planta! is an NGO dedicated to preserving endangered plant life and habitats in Cuba by educating the public, creating in-country capabilities and supporting innovative conservation initiatives through which people and biodiversity thrive. As such, Planta! works on developing conservation knowledge, skills, concern, and commitment in individuals who will be able to identify, work on and resolve local community issues. From there, these individuals address regional conservation challenges by networking and collaborating region-wide. 95% of funds raised go to Planta!'s conservation efforts. An example of a conservation initiative began in 2018 when Planta! provided conservation education to 8,000 Cubanos, environmental training to 98 conservation practitioners, and conducted 18 conservation projects that benefited directly populations of several threatened plant species. The Planta! team also outplanted 2,320 saplings of rare/threatened species into the wild, with the collaboration of >150 volunteers. Most recently, in 2020, The Red List Project funded Planta! to increase the growing capacity of its native plant nursery in the Topes de Collantes Nature Reserve. In short, Planta! is an NGO whose sole expertise and experience is in assisting Cuban farmers and families in adopting sustainable farming practices and incorporating native species in replanting of degraded landscapes for resilient agricultural systems.

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**Name of main contact point and post held:**

Dr. Luis Roberto Gonzales Torres, Executive Director, Planta! and Chair, Cuban Plant Specialist Group, SSC/IUCN

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**Have you included a letter of support from this organisation?**

Yes

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**3. Partner Name:**

Haiti National Trust

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**Website address:**

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

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**Details of anticipated roles and responsibilities:**

Please see uploaded document.

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**Expertise in sustainable use or conservation of biodiversity and/or development:**

Haiti National Trust was created to protect the environment and biodiversity of Haiti for future generations. Our primary activity is to identify the biodiversity hotspots of Haiti, acquire the land for parks, and establish long-term protective measures for each park. We place importance on an immediate stop to the cutting of trees, and work closely with the government of Haiti to assist their efforts in the two national parks. We encourage the scientific study of biodiversity to determine the numbers and types of species that exist in Haiti, where they are located, and their natural history. We also encourage the conservation of genetic resources (biobanking) as an insurance policy in case some species disappear before we can save them in the wild.

**Name of main contact point and post held:** Dr. S. Blair Hodges, Chief Scientist & Co-Founder; Member of the Board of Trustees, Haiti National Trust

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**Have you included a letter of support from this organisation?**  Yes

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**4. Partner Name:** Fundación Progressio - Republica Dominica

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**Website address:** <http://www.fundacionprogressio.com/index2.html>

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**Letter of Support:** Please see uploaded document.

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**Expertise in sustainable use or conservation of biodiversity and/or development:** Fundación Progressio Republica Dominica is a private, non-profit institution established in 1983. Its main activities focus on the oversight and protection of natural areas. An excellent example is Fundación Progressio's involvement in the 23.1 km<sup>2</sup> Ebano Verde Scientific Reserve, which is administered and protected by the Foundation on the basis of a trust agreement with the Secretary of State for Environment and Natural Resources. Additionally, in 1984, the Fundación Progressio began the development of the Tropical Crops Program on a 250 ha estate in the Doña María site, Municipality of Cotuì, Sánchez Ramírez Province. This program began the introduction and promotion of new and exotic crops with economic potential for the country and is serving to provide economic support for the Foundation's conservation responsibilities.

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**Name of main contact point and post held:** Sr. Jorge Reid, Board of Directors, Fundación Progressio

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**Have you included a letter of support from this organisation?**  Yes

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**5. Partner Name:** *No Response*

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**Website address:** *No Response*

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**Letter of Support:** *No Response*

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**Expertise in sustainable use or conservation of biodiversity and/or development:** *No Response*

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**Name of main contact point and post held:** *No Response*

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**Have you included a letter of support from this organisation?**  Yes  
 No

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6. Partner Name: *No Response*

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Website address: *No Response*

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Details of anticipated roles and responsibilities: *No Response*

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Expertise in sustainable use or conservation of biodiversity and/or development: *No Response*

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Name of main contact point and post held: *No Response*

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Have you included a letter of support from this organisation?  Yes  No

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**Please provide a combined PDF of letters of support from the lead organisation and partner(s).**

 [Partner-Letters 2021](#)

 19/01/2021

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**Q9. Can you confirm that at least one of the partners have not previously been in receipt of Darwin funds from the same lead partner?**

Yes

## Section 5 - Justification & Concept Notes

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### Q10. Justification of need for a Partnership Project

**Please provide written details of why alternative funding is not available from within your own organisation or from other sources. Will matched funding be provided?**

The Red List Project (TRLP) is a young, global NGO, with limited but growing financial resources. TRLP's cohort of conservation practitioners volunteer time and expertise to achieve TRLP's mission of preventing plant extinctions. There are no paid staff and external consultants likewise donate their efforts. Through philanthropic support TRLP has launched a successful Seed Grant program to fund direct conservation action for priority taxa, primarily within underserved regions. While this has provided support for conservation projects in Cuba and the Dominican Republic, funding is not at a level substantial enough to support a large scale Greater Antilles plant conservation program – the ultimate goal of the proposed project. If awarded, the Partnership Project funding would allow for in-country project development and solicitation of matching funds from TRLP's corporate and philanthropic partners. TRLP ED Fiedler will contribute a minimum of £ [REDACTED] (\$ [REDACTED] USD) in labor for the proposed project, and TRLP Director of Conservation Science Handley, a minimum of £ [REDACTED] (\$ [REDACTED] USD) in labor. In addition, TRLP can commit to donating up to \$ [REDACTED] USD in matching funds to support Caribbean partner's field/travel expenses and threatened plant propagation pilot projects.

Similarly, all three Caribbean partners are NGOs with limited resources yet all have committed to providing in-kind services in support of the project including staff time, use of field vehicles, permit applications, etc., as appropriate.

## **Q11. Concept note for the Partnership Project**

**This question concentrates on the Partnership Project work and should demonstrate the objectives of the project including:**

- objectives of the visit
- what work (including research, remote communications or other collaborations) has been carried out prior to applying for this project
- what work will be carried out under the Partnership Project – please see the guidance for advice on what type of activity can be funded
- evidence of the proposed partners' intentions to collaborate in your Partnership Project work

The vital role that plants play in human well-being has been recognized for centuries but the urgent need for their protection has only recently been acknowledged. To date, the most robust call to action is the Global Strategy for Plant Conservation (GSPC). GSPC Objective II - Plant diversity is urgently and effectively conserved – is the nucleus of this proposal.

This project is centered on the Caribbean for several reasons. Islands are hotspots of biological, geological, and cultural diversity, supporting many of the most heavily modified ecosystems and threatened species in the world. The majority of documented extinctions have been on islands. Moreover, climate change is a singular threat to islands where habitats are often fragmented, leaving few options for migration or habitat shift. These challenges are writ large in the Greater Antilles, a Caribbean region particularly rich in natural history, but in peril from increasingly severe weather events and habitat degradation.

Myriad native plant species are under threat in the Greater Antilles and, while protection of this floristic biodiversity is an over-arching objective, this Partnership Project focuses on conservation of Magnolia, an ancient lineage with an inordinate number of endangered taxa. The most recent IUCN assessment (2016) identifies 75% of Neotropical Magnolia as under threat, and notes that many species are poorly represented (or entirely absent) from formal ex situ collections. Ten such species are found in the Greater Antilles (5 EN, 5 CR).

For the Partnership Project, TRLP and Partners will

- solidify the Greater Antilles project through a series of in-country planning meetings with team leaders and community stakeholders
- review and assess existing propagation facilities and associated NGO infrastructure
- develop propagation plans and protocols
- make field visits to survey extant populations of target species and assess reintroduction locations
- collaborate to prepare a DI Main Project proposal

For the DI Main Project, TRLP aims to:

- establish a long-term coalition of Caribbean conservation NGOs and scientific institutions to engage in plant conservation actions, community engagement and science-based solutions for preventing plant extinctions in a biodiversity hotspot.

The proposed project will include community-based approaches to species/forest stewardship, already fundamental to the work of all four Partners

Prior Work: In 2020, TRLP established a grant program to support conservation efforts of in-country partners and initial grant recipients included Planta! and Fundación Progressio. TRLP provided funding to Planta! for upgrades to the Topes de Collantes native plant nursery focused on propagation of the park's

most endangered species, *Magnolia cubensis* subsp. *acunae* and *Podocarpus angustifolius*. To Fundación Progressio, TRLP provided funding for outplanting of ~800 *Magnolia domingensis* saplings to augment the population. Additional funds have been provided for two seed collecting trips in early 2021. In collaboration with HNT, an external (BGCI) grant has been secured for conservation of rare flora of Grand Bois Mountain, Haiti. This 2020 grant has been parlayed into [REDACTED] matching funds through TRLP in 2021.

Intent to Collaborate: Evidence of our existing collaborations and intention to sustain is found in the attached letters.

## **Q12. Concept note for the resultant project**

**This question concentrates on the full Darwin application you intend to submit after the Partnership Project and should discuss:**

- the expected Outcome and Outputs of the resultant Darwin project
- how the resultant Darwin project would meet a need in the host country (and the wider region if applicable e.g. if the proposed project would be based in a UMIC)
- how the project would contribute to any or all of the Conventions and Treaties supported by Darwin, including the SDGs
- how the project will contribute to sustainable development in the country concerned
- briefly explain the proposed partner role(s) in the resultant Darwin project
- briefly the expected role of the Partnership Project travellers in the resultant Darwin project.

The next phase of funding would support an overarching community-based plant conservation project in the Greater Antilles. The planning and implementation frameworks generated during the Magnolia-focused Partnership Project will provide a template for extension to additional threatened species in the Partner countries and expansion to other countries in the region. In addition, TRLP will parlay this platform into a suite of projects for which corporate/philanthropic funding will be sought to facilitate expanded implementation.

Host Countries Needs: Countries in which TRLP works have some of the highest percentage of IUCN listed species as a percentage of the native flora, from Madagascar (59%) to Jamaica (18%) and Haiti (8%). By any metric, these countries are in dire need of new ways to address their extinction crises. In-country partners benefit by building conservation capacity (e.g., scientific training with TRLP specialists), collaborative research, provision of additional scientific and botanical infrastructure (e.g., upgraded plant propagation facilities), increased awareness of rare species through community education and involvement, and through enhancement of the partners' ability to lead integrated conservation projects.

Contributions to CBD, SDGs and NBSAPs: This proposal addresses five articles of the CBD, with the most significant being that our project will adopt measures for "ex-situ conservation ... recovery and rehabilitation of threatened species and for their reintroduction ... and [cooperation] in providing financial and other support for ex-situ conservation...facilities in developing countries". The project is also in direct alignment with SDG 15, through explicit efforts to promote inclusive, community-based management of forests that harbor target species and to reverse habitat degradation and species decline. With respect to NBSAPs, this proposal is based on the notion that only by adopting principles of sustainable development, community engagement, and science-based stewardship can any conservation program succeed. Participation of local community in conservation action is an established component of the work of TRLP and Partners so will be inherent to the sustainable development strategies developed during the course of the project. Examples of past engagement that will continue to be implemented include: community nurseries for endangered plant propagation, outplanting and monitoring efforts that employ local stakeholders, and citizen science surveys and education modules.

Mitigation of climate change impacts – central to all of the above – is also addressed through establishment

of native seed banks and secure ex situ collections. Both provide an insurance policy against the extinction of rare endemic plants due to catastrophic events; so too does creation of reintroduction sites for critically imperiled species.

Partner Roles: TRLP and in-country partners will be equal collaborators. TRLP will provide expertise and facilitation and will assist in-country partners in direct conservation actions, including rare plant restoration science and protocols.

Traveler Roles: DI travelers are the principal conservation scientists who will lead the collaboration across the 3 Caribbean countries, effectively serving as co-principal investigators. For the expanded projects, TRLP will draw upon its full scientific advisory body to assist in-country scientists and conservation practitioners and to demonstrate that plant extinctions can be prevented through global partnerships.

## Section 6 - Costs

### Q13. Costs

Provide a detailed breakdown of costs to be funded by the Darwin Initiative in GBP.

	Project Leader	Second individual	Total
Airfare including travel to airport	£ [REDACTED]	[REDACTED]	[REDACTED]
Visas and other travel documents	[REDACTED]	[REDACTED]	[REDACTED]
Daily subsistence rate per day	[REDACTED]	[REDACTED]	
Number of days subsistence claimed (max 30 days per traveller)	[REDACTED]	[REDACTED]	
Total daily subsistence claimed (please provide details below)	£ [REDACTED]	[REDACTED]	[REDACTED]
Workshop costs (please provide details below)			£0.00
Other costs (please provide details below)			£0.00
		<b>Total request from Darwin (must not exceed £10,000)</b>	<b>£ [REDACTED]</b>

## Additional details to support the figures above

	Project Leader	Second individual
Average expected subsistence rate per day	£ [REDACTED]	[REDACTED]
Number of days subsistence claimed	[REDACTED]	[REDACTED]

### Workshop costs

Please provide further details on your workshops costs (N/A if not relevant).

N/A

### Other costs

Please provide further details on Other costs e.g. subscription to communications platforms, purchase of tablets for local partners etc (N/A if not relevant).

N/A

## Section 7 - Timetable & Activities

### Q14. Provide anticipated dates of travel (start and finish) and activities to be undertaken on your trip.

**N.B.:** this question is specifically about your travel plans – your dates and specific milestones during travel – NOT your timetable to Stage 1 application. Your application will be considered ineligible if this section does not specifically cover your planned Partnership Project trip.

Date	Milestone
01 July 2021	START
01 July 2021	Late Summer 2021: Begin travel arrangements with conservation partners in Cuba, Haiti and the Dominican Republic. Use intervening months to prepare for travel to Caribbean.
10 January 2022	10JAN2022: Travel SFO to DR. Meetings, preliminary field work, plant collection & project review. Establish tasks and timeline for full DI proposal
17 January 2022	17JAN2022: Travel DR to Haiti. Meetings, preliminary field work, plant collection & project review. Establish tasks and timeline for full DI proposal
24 January 2022	24JAN2022; Travel Haiti to Cuba. Meetings, preliminary field work, meet coffee farmers, Planta! volunteers, & project review. Establish tasks & timeline for full DI proposal
31 January 2022	31JAN2022: Travel Cuba to SF Bay Area.

14 February 2022	14FEB2022: Follow-up correspondence with NGO partners. Begin final report and preparations for full proposal.
<i>No Response</i>	<i>No Response</i>
31 March 2022	FINISH

## Q15. In what year would you expect to submit the full Darwin project application?

Round 28

## Section 8 - Certification

### Q16. Certification

**On behalf of the**

company

**of**

The Red List Project

**I apply for a grant of**

£9,700.00

**I certify that, to the best of our knowledge and belief, the statements made by us in this application are true and the information provided is correct. I am aware that this application form will form the basis of the Partnership Project schedule should this application be successful.**

(This form should be signed by an individual authorised by the applicant institution to submit applications and sign contracts on their behalf.)

- I have uploaded CVs for project principals
- I have uploaded letters of support from the lead application organisation and the partner(s)

Checked

**Name** Peggy L Fiedler

**Position in the organisation** Executive Director

Signature (please upload e-signature)

 [Peggy's signature](#)

 16/01/2021

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Date 18 January 2021

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## Section 9 - Submission Checklist

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### Checklist for submission

	Check
<b>I have read the Guidance Notes for Main projects as well as the Guidance for Partnership Projects and am satisfied that this concept would be eligible for a main project application.</b>	Checked
<b>I have read, and can meet, the current Terms and Conditions for this fund.</b>	Checked
<b>I have provided anticipated start and end dates for my Partnership Project trip.</b>	Checked
<b>I have checked that my budget is complete and correctly adds up.</b>	Checked
<b>My application has been signed by a suitably authorised individual (clear electronic or scanned signatures are acceptable).</b>	Checked
<b>I have included one page CVs and letters of support as required.</b>	Checked
<b>I have checked the Darwin website immediately prior to submission to ensure there are no late updates.</b>	Checked
<b>I have read and understood the Privacy Notice on GOV.UK.</b>	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 main traveller/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 the Darwin Initiative and our sister grant scheme, the IWT Challenge Fund. We also provide occasional updates on other UK Government activities related to biodiversity conservation and share our quarterly project newsletter. You are free to unsubscribe at any time.**

Checked

### Data protection and use of personal data

Information supplied in this application form, including personal data, will be used by Defra as set out in the latest copy of the Privacy Notice for Darwin, Darwin Plus and the Illegal Wildlife Trade Challenge Fund available [here](#). This Privacy Notice must be provided to all individuals whose personal data is supplied in the application form. Some information, but not personal data, may be used when publicising the Darwin Initiative including project details (usually title, lead organization, location, and total grant value) on the GOV.UK and other websites. Information relating to the project or its results may also be released on request, including under the 2004 Environmental Information Regulations and the Freedom of Information Act 2000. However, Defra will not permit any unwarranted breach of confidentiality nor will we act in contravention of our obligations under the General Data Protection Regulation (Regulation (EU) 2016/679).