

CryoArks Partner Institutions



CryoArks storage hub



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CryoArks storage hub  
& EAZA Biobank hub



THE UNIVERSITY  
of EDINBURGH



University of  
Nottingham  
UK | CHINA | MALAYSIA

## Sample storage at specialist facilities

Seeking samples for your project?

Looking for advice and assistance to improve  
the standard of your frozen collections?

Want to have your samples securely stored  
and curated?

Visit

**cryoarks.org**

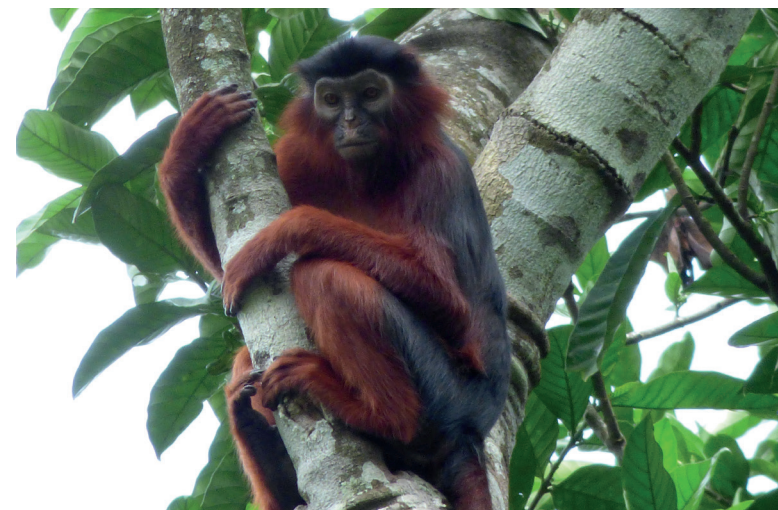
Access biobanking advice, browse our  
resources, search the database and find out  
more about how CryoArks can help you!



*To discuss shipment of frozen  
DNA/tissue/whole samples,  
or for any other enquiry please email us at:  
[enquiries@cryoarks.org](mailto:enquiries@cryoarks.org)*



**THE UK'S FIRST COMPREHENSIVE  
ZOOLOGICAL BIOBANK**



*Join the community to enhance  
durability, sustainability and  
availability of your frozen biological  
material*

Collaborating biobanks

CryoArks is funded by

Find us online



**EAZA  
BIOBANK**



THE FROZEN ARK



Biotechnology and  
Biological Sciences  
Research Council



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[cryoarks.org](https://cryoarks.org)



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## Submit samples *and* data

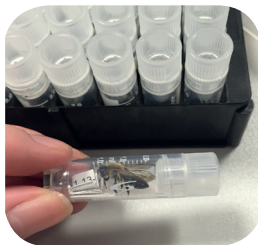
House samples in a CryoArks hub for long-term storage. Associated metadata will be held securely at a CryoArks hub and may be discoverable through the CryoArks database.

### The Benefits:

Back-up or long-term storage of your collection at a secure facility; increased visibility and accessibility by the research community.



Samples from recent fieldwork trips can be donated.



Historic collections can be transferred.

## Submit data only

Make your sample collection data visible and accessible via the CryoArks database.

### The Benefit:

You retain your samples but they are discoverable to the research community, increasing their utility and the potential for collaboration.

## Sample types



Transfer tissue, DNA extracts, cell cultures and whole organisms OR contact us in advance regarding whole animal carcasses and other samples.

### Long term storage:

Samples will be stored in tubes that can withstand storage at  $-80^{\circ}\text{C}$  or  $-196^{\circ}\text{C}$ .

## Metadata

Transfer collections with accompanying sample metadata, including (but is not limited to): Species, Sample type, Sample storage history, Collection location, Collection date.

## Shipping

Samples should be transported at temperatures appropriate to their storage conditions:

e.g. In ethanol and/or frozen on ice ( $-20^{\circ}\text{C}$ ), on dry ice ( $-80^{\circ}\text{C}$ ) or in dry shippers ( $-196^{\circ}\text{C}$ ).



## Searching for samples

Our searchable database contains data on all frozen samples available in the CryoArks hubs and at other institutions across the UK.

Visit the CryoArks  database at:  
**[cryoarks.org](https://cryoarks.org)**



## Requesting samples

Applications to borrow samples for genetic research can be made through the **CryoArks website**.

A loan agreement will state the requirements for sharing products and benefits that result from sample use.

Researchers should ensure sample utilisation complies with any terms of use specified by the country of origin.

## Access and Benefits Sharing

*Transfer of samples for long-term storage at a CryoArks hub will involve a transfer of title (donation).*

*Samples collected after the 12<sup>th</sup> October 2014, from a country that ratified the Nagoya Protocol should have appropriate permits.*

*Applications to borrow samples will be subject to approval by the CryoArks review panel.*