

COMMUNITY-LED NATURE CONSERVATION ON MONTSERRAT; NEW THINKING, NEW APPROACHERS AND NEW DO-ERS

Inter-Island Environment Meeting 28 & 29th September 2023

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UK Overseas Territories Conservation Forum
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LOCATIONS OF UK OVERSEAS TERRITORIES AND CROWN DEPENDENCIES



MONTSERRAT

One of the Leeward Islands in the eastern Caribbean, lies 43 km SW of Antigua and 64 km NW of Guadeloupe at 16°45'N, 62°12'W.

Area 102 km²

Population 4,649 (2018)

795 plants native to the island, 3 endemic

102 species of birds including 34 breeding, one endemic and 11 range restricted species.

3 species of amphibians and 11 species of reptiles; these include 6 endemics at species/sub-species level.

1,240 invertebrate species on Montserrat, of which *ca* 120 endemic to the island

10 species of bats

Range of habitat types including: riparian, coastal, wet and dry forest



more about Montserrat's wildlife and find ways to protect it.

Find species

STEP 01

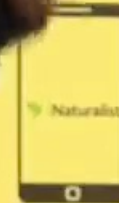
Explore any area you have permission to be on e.g. your back yard etc. Find as many species as you can such as fungi, plants, insects, spiders, reptiles, amphibians or anything else. Take a clear photo or sound recording so it can be properly identified. Note: it can't be a pet or something that has been planted.



STEP 02

Upload to iNaturalist

Make your contribution to citizen science. Download the app and sign up for a free account at www.inaturalist.org. Join Montserrat's bioblitz from anywhere on Montserrat you have permission to be. Upload your observation e.g. your images or sound recording (including the date and location) and add it to the project "Biodiversity of Montserrat- bioblitz".



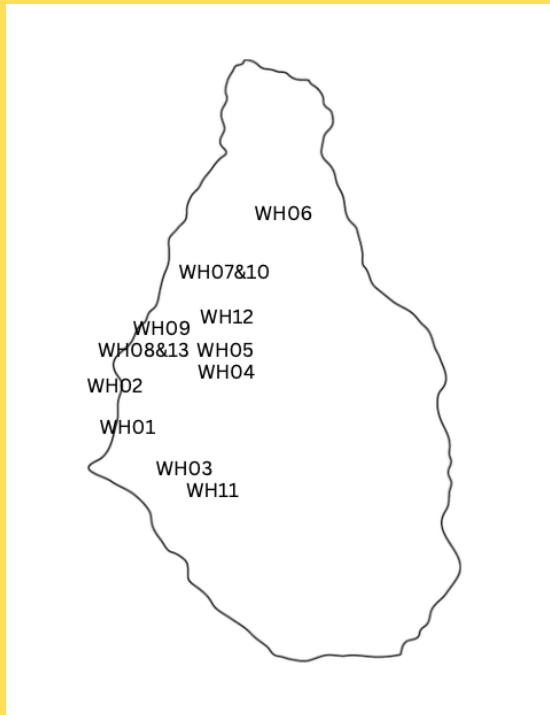
Site-level tool for identifying other effective area-based conservation measures (OECMs)

Harry D. Jonas, Kathy MacKinnon, Daniel Marnewick and Pete Wood

First edition



Other effective area-based conservation measures' (OECMs) are areas that are achieving the long term and effective *in-situ* conservation of biodiversity outside of protected areas



<https://portals.iucn.org/library/sites/library/files/documents/PATRS-006-En.pdf>





MNT RADIO SHOW

Coming soon on ZJB Radio

Every Tuesday
AT 3:30PM

Starting 4 October 2022

LIVE **STREAM**

@montserratnationaltrust



ADOPT A HOME FOR WILDLIFE BY ANTWONE SINCLAIR HOW TO USE DRY FERTILISERS

- 1 Dry Fertilizers:** Dry fertilizers typically come in the form of pellets, powders, or crystals and are convenient and easy to use. Also, you can convert dry fertilizers into liquid fertilizers by simply dissolving them in water.
- 2 Soil Application:** Applying fertilizer to the soil around your plants allows the earth to buffer the nutrients and store them for future use. Infusing nutrients into the soil in this way is an essential part of your root-feeding regimen.
- 3 Side dressing:** It refers to the spread of fertilizer in between the rows and around the plants. The common methods of side-dressing are: (1) Placement of nitrogenous fertilizers by hand in between the rows of crops like maize, sugarcane, cotton etc., to apply additional doses of nitrogen to the growing crops and; (2) Placement of fertilizers around the trees like mango, apple, grapes, papaya etc.



project please email info@montserratnationaltrust.ms



Higher Education Evening

- Attend presentations by experts in biodiversity, conservation, horticulture and more
- Learn more about undergraduate and postgraduate courses
- Learn about scholarships, internships and volunteering opportunities



THE HERITAGE SHOW

PRESERVING THE PAST, ENRICHING THE FUTURE



Host: Vernaire Bass - Guest: Antwone Sinclair

TUNE IN EVERY TUESDAY AT 3:30PM ON ZJB RADIO (95.5 FM)

LIVE @MONTSERRATNATIONALTRUST

For more information about 'The Heritage Show' email info@montserratnationaltrust.ms.



Biodiversity of Montserrat

Unleash your inner scientist and join us in a race to identify and count as many plants and animals that you can find in the botanical gardens at the Montserrat National Trust.

REGISTER NOW ON THE LINK BELOW **JULY 9, 2022**

bit.ly/mntbioblitz **8 AM - 11 AM**



Edit Project

Project Journal

Overview

2,750
OBSERVATIONS

917
SPECIES

447
IDENTIFIERS

72
OBSERVERS

Stats

Blue Iguana to Blue Vervain - traditional use



Fifteen popular medicinal plants on Montserrat



UKOT researchers funded by UKRI
 Oral Histories
 Invasive species interactions
 Journal articles
 Framework for research in UKOTs



The Launch of our  **HERBAL MEDICINE BOOKLETS**

Join us for the launch of our Hidden Histories Herbal Medicine Booklet and Children's Colouring & Puzzle Book, Live Q&As, Mini Herbal Market, Virtual Lectures & more.

25 Jan 5-7pm


National Museum  **FREE**

FOR MORE INFORMATION

Info@montserratnationaltrust.ms
 @montserratnationaltrust 1-664-491-3086




Rainfall Bush
Gliricidia sepium



- Locally called Rainfall or Glory Cedar.
- This sturdy tree can grow up to 20 feet high and has compound leaves and a shower of pink flowers that produce flat pods. It is found throughout the island, often planted along edges of property to demarcate boundaries. It is also planted for animal feed.
- The leaves are infused in boiling water and combined with tamarind leaves and lime juice, then drunk to relieve colds and coughs and to lower blood sugar levels. The leaves are also placed under the bed sheets of persons suffering from a high fever to reduce their body temperature.


Rangoat Bush
Eryngium foetidum

Native range for this species: Central Mexico to Honduras




- Locally called Rangoat Bush or Chardon Beni
- This perennial herb or bush has a long stalk with prickly flowers and tube-shaped pods containing hundreds of very tiny seeds. Its evergreen, elongated, thin leaves can grow to about 12 inches long and about 2 inches wide. It has a pungent smell.
- It grows in the moist areas of Montserrat.
- The leaves, stalk and roots of this plant are used to make a tea that helps with stomach worms, indigestion, and vomiting. The leaves are brewed and added to bath water to reduce fever. The leaves are also combined with other bush/plants to make bush rum.

Davis Root ✓



Common name: Davis Root
 Scientific name: Chicocca alba
 Location: It is found in the moist forest areas of the Centre Hills and Soufriere Hills.
 Description: This plant has a winding stem that bears tiny white flowers.
 Herbal remedies: The roots are soaked in water or boiled for relief from prostate problems

Pung Coolie ✓



Common name: Pung Coolie or Pom Coolie, Maiden Apple or Lizard Food
 Scientific name: Momorica charantia
 Location: This plant can be found growing on walls and fences around the island.
 Description: It grows as a vine and has small light-yellow flowers and yellow/orange fruits, which open to reveal bright red seeds.
 Herbal remedies: The leaves make tea for stomach problems

Delivering biodiversity and human well-being gains for Montserrat's sustainable development (DPLUS192 2023-2026)



Project Overview

01

Biodiversity & Well-being Toolkit

02

MNT Youth & Education Programme

03

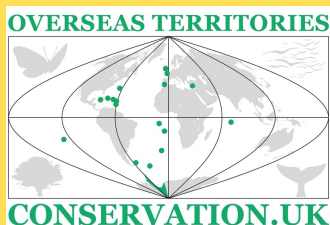
Biological Collections & Information

04

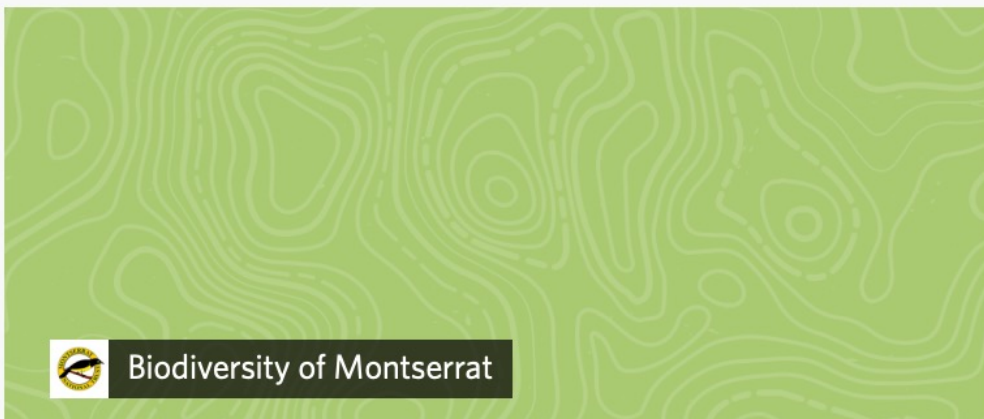
MNT Botanic Garden Development

05

Communications & Reporting



Leeds Museums & Galleries



Biodiversity of Montserrat

About

Leave 16

Montserrat is a volcanic island of the Leeward Islands in the West Indies. It has a humid tropical climate and is largely covered by forests. It has a rich flora and fauna with several endemic plants and animals.

[Read More >](#)

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[Project Journal](#)

Overview

3,606
OBSERVATIONS

1,097
SPECIES

553
IDENTIFIERS

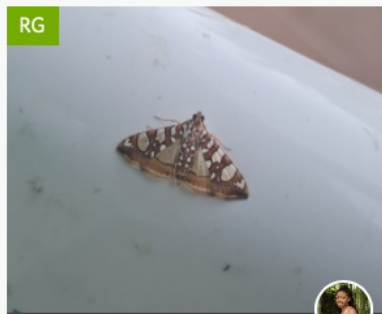
85
OBSERVERS

[Stats](#)

- [Map](#)
- [Grid](#)
- [List](#)
- [Identify](#)
- [Search](#)

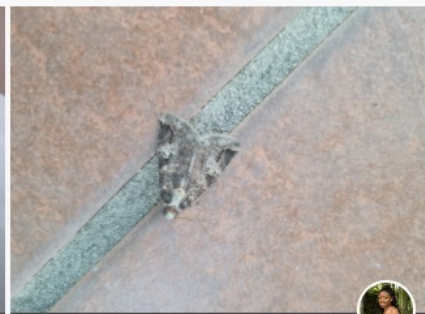
[Export Observations](#)

RG



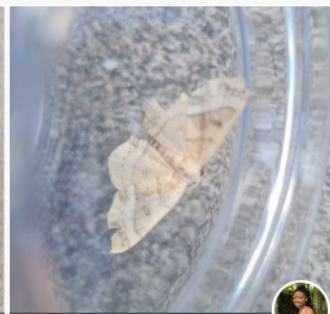
Mulberry Leaf-tier
Glyphodes sibillalis

2 14 days ago



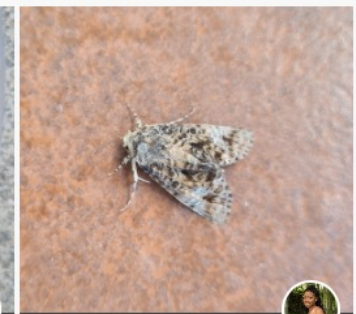
Butterflies and Moths
Order Lepidoptera

1 14 days ago



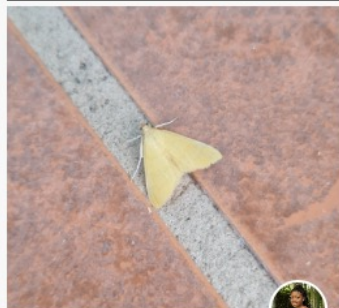
Butterflies and Moths
Order Lepidoptera

1 14 days ago




Butterflies and Moths
Order Lepidoptera

1 14 days ago




Butterflies and Moths
Order Lepidoptera

2 15 days ago



Butterflies and Moths
Order Lepidoptera


1 15 days ago



Masked Chafers
Genus *Cyclocephala*

2 15 days ago

RG



Black Land Crab
Gecarcinus ruricola

2 2 months ago

iNaturalist

iNat Research Grade records	common_name	latitude	longitude	place_guess
	rosary pea	16.780555	-62.17855	Saint Peter, MS
	rosary pea	16.780555	-62.17855	Saint Peter, MS
	rosary pea	16.753727	-62.22887	Salem, Montserrat
	rosary pea	16.810455	-62.19466	Saint Peter, MS
	rosary pea	16.76372	-62.21901	Montserrat, Saint Peters, MS
	rosary pea	16.960334	-62.10145	
	mauve	16.778141	-62.17644	Saint Peter, MS
	Big-leaved Acacia	16.75762	-62.2274	Woodlands, Montserrat
	Big-leaved Acacia	16.757448	-62.22752	Montserrat, Saint Peters, MS
	Chenille-plant	16.755861	-62.21966	365 Main Road Brades, Mon
	Chenille-plant	16.753476	-62.21923	QQ3J+98Q Montserrat Natio
	Chenille-plant	16.755365	-62.21915	Montserrat, Saint Peters, MS
	Devil's Horsewhip	16.795718	-62.20626	Montserrat, Saint Peters, MS
		16.77066	-62.20004	Saint Peter, MS
		16.77484	-62.20498	Montserrat, Saint Peters, MS
		16.774431	-62.20492	Montserrat, Saint Peters, MS
	Caribbean Agave	16.755587	-62.21927	Montserrat National Trust, O
	billygoat weed	16.756404	-62.21915	Woodlands, Montserrat
	billygoat weed	16.774964	-62.1937	Saint Peter, MS
	billygoat weed	16.767623	-62.17071	Saint Georges, MS
	billygoat weed	16.811138	-62.19582	Saint Peter, MS
	billygoat weed	16.811504	-62.19487	Saint Peter, MS





YUNGA Montserrat

Formed in 2009, the Youth and United Nations Global Alliance (YUNGA) is a partnership between United Nations agencies, civil society organisations and other entities that work with children and young people.

YUNGA acts as a gateway for children and youth from around the world to participate in the activities and initiatives of the United Nations. YUNGA provides children and young people with opportunities to have a greater role in society, raise awareness of environmental and social issues and influence positive behaviour changes.



Early Career Young Researcher Network for the UK Overseas Territories and Crown Dependencies

For emerging academics and researchers, taking part in discussion groups and technical meetings such as conferences can have a profound impact on their research and communication of their work.

Researcher events are a chance to share research, learn about the latest developments in similar areas of work, learning from others and building valuable professional networks. The benefits to researchers is that they are better informed and connected with new knowledge that can be shared among colleagues and peers.

This group sits within the wider network of the UK Overseas Territories Conservation Forum (UKOTCF). It can recognise the valuable research being undertaken in or in conjunction with/across UKOTs and Crown Dependencies which leads to knowledge-transfer and capacity-building opportunities. While focusing on UKOTs and CD or small island jurisdiction it provides a critical mass for those working in some of the most biodiverse regions of the world.

The benefits and scope of an Early Career Researcher Network (ECRN) aim to fostering collaboration, growth, and impact for young researchers.

Objectives of the ECRN:

1. **Facilitate networking opportunities:** Connect researchers across disciplines, institutions, and geographic locations to foster collaboration, knowledge exchange, and interdisciplinary research across the UK Overseas Territories and Crown Dependencies and beyond.
2. **Enhance professional development:** Provide resources, discussion space, mentorship, and training programs to support researchers in developing essential skills, including research methodology, grant and technical writing, project management, and communication & outreach.
3. **Promote research dissemination:** Encourage researchers to share their findings and insights through technical meetings (e.g. workshops, conferences), publications, and other platforms, thereby increasing their visibility and impact.
4. **Create a supportive community:** Establish a supportive and inclusive community that fosters peer-to-peer learning, emotional support, and camaraderie among researchers.



UNIVERSITY OF
GIBRALTAR

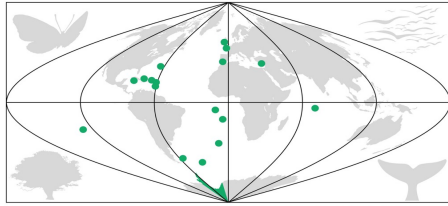
JICAS

JERSEY INTERNATIONAL
CENTRE OF ADVANCED STUDIES

Thank you

Catherine Wensink cwensink@ukotcf.org

OVERSEAS TERRITORIES



CONSERVATION.UK



the
species
recovery
trust



UK Centre for
Ecology & Hydrology

Leeds Museums
& Galleries



Meise
Botanic Garden