



**IAP Program on Digital Knowledge Resources and
Infrastructure in Developing Countries
Technical Meeting on Open Access and Dissemination of
Scientific Information in
Central America and the Caribbean**

13:30 - 15:00 Session 3.

Content types and characteristics of an OKE

Co-Chairs:

Robert Lancashire, Caribbean Academy of Sciences and University of the West Indies,
and William Anderson, University of Texas, Austin

Discussion of rows 1-7 in columns A and B of the table, and the corresponding pages in the workbook

	A	B
	CONTENT	Content Properties ----- Types, Volumes, Formats, ...
1	In-house Documents: Reports, books, articles, audio/video, etc.	
2	In-house Data	
3	In-house Journal	
4	External Repository	
5	External Journal	
6	External Data	
7	Interactive, User generated Content	

A

	Content Types	Examples
1	In-house documents	Reports, books, articles, maps, audio, video, photographs, visualizations, official gov't documents, financial documents, etc.
2	In-house data	
3	In-house open access journal / magazine	
4	External repository(s)/portal(s)	Genomic Standards Consortium Publication Library
5	External data	Dryad bioscience data repository
6	External open access journal / magazine	CODATA Data Science Journal
7	User-generated content	

Caribbean Sea Squirts – The Goodbody Collection



The UWI Mona, Life Sciences Mangrove Collection in the UWI, Mona, DSpace Repository

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Title: Biodiversity of Jamaican Mangrove Areas

Authors: [Webber, Mona](#)
[Karjohn, Kristal](#)
[Goodbody, Ivan](#)
[Creary, Marcia](#)
[Jackson, Celia](#)

Keywords: Biodiversity
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Sponges
Zooplankton
Common Fauna

Issue Date: 14-Oct-2009

Description: Vol.1 Introduction by Mona Webber, Vol.2 Mangrove Biotype I: The Algae by by Kristal Karjohn & Mona Webber Vol.3 Mangrove Biotype II: The Ascidians by Ivan Goodbody & Mona Webber, Vol.4 Mangrove Biotype III: The Bryozoa by Marcia Creary & Mona Webber, Vol.5 Mangrove Biotype IV : Porifera (Sponges) by by Celia Jackson & Mona Webber Vol.6 Mangrove Biotype V: The Zooplankton by Mona Webber, Vol.7 Mangrove Biotype VI Common Fauna by Mona Webber

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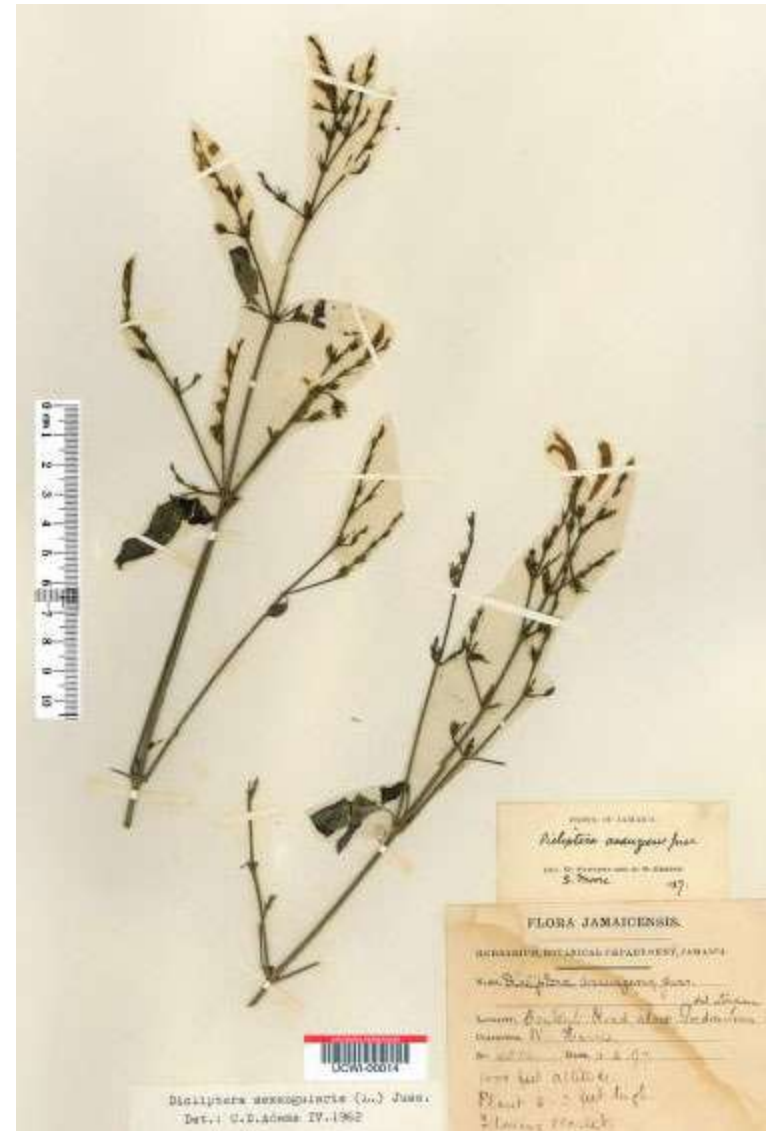
Appears in Collections: [Technical Reports](#)

Files in This Item:

File	Description	Size	Format
Vol.7 MANGROVE BIOTYPE 6-Common fauna.pdf		8.65 MB	Adobe PDF View/Open
Vol.6 MANGROVE BIOTYPE 5-The Zooplankton.pdf		2.05 MB	Adobe PDF View/Open
Vol.5 MANGROVE BIOTYPE 4-Porifera[1].pdf		1.13 MB	Adobe PDF View/Open
Vol.4 MANGROVE BIOTYPE 3-Bryozoa[1].pdf		1.51 MB	Adobe PDF View/Open

The UWI, Mona Life Sciences Herbarium

The Herbarium at UWI is one of two herbaria in Jamaica. It was founded in the late 1950's by Dr. Charles D. Adams, however, the collection ranges in age from the 1880's to present. It currently houses over 35,000 plant specimens collected in Jamaica, and as such, may be regarded as a small- to medium-sized herbarium. The other local herbarium is located at the Institute of Jamaica and it houses over 120,000 specimens. Currently, a joint Life Sciences/IOJ project is seeking to digitize the collections of both herbaria and make the information accessible via the World Wide Web.



Butterfly collections

Over 130 species of butterfly have been found in Jamaica from eight families, of which 20 are endemic species and 23 are endemic sub-species. The Giant Swallowtail is listed as endangered and the Blue Swallowtail as threatened/endangered.

The one shown is quite common in Jamaica and was introduced from Cuba in the 1940's

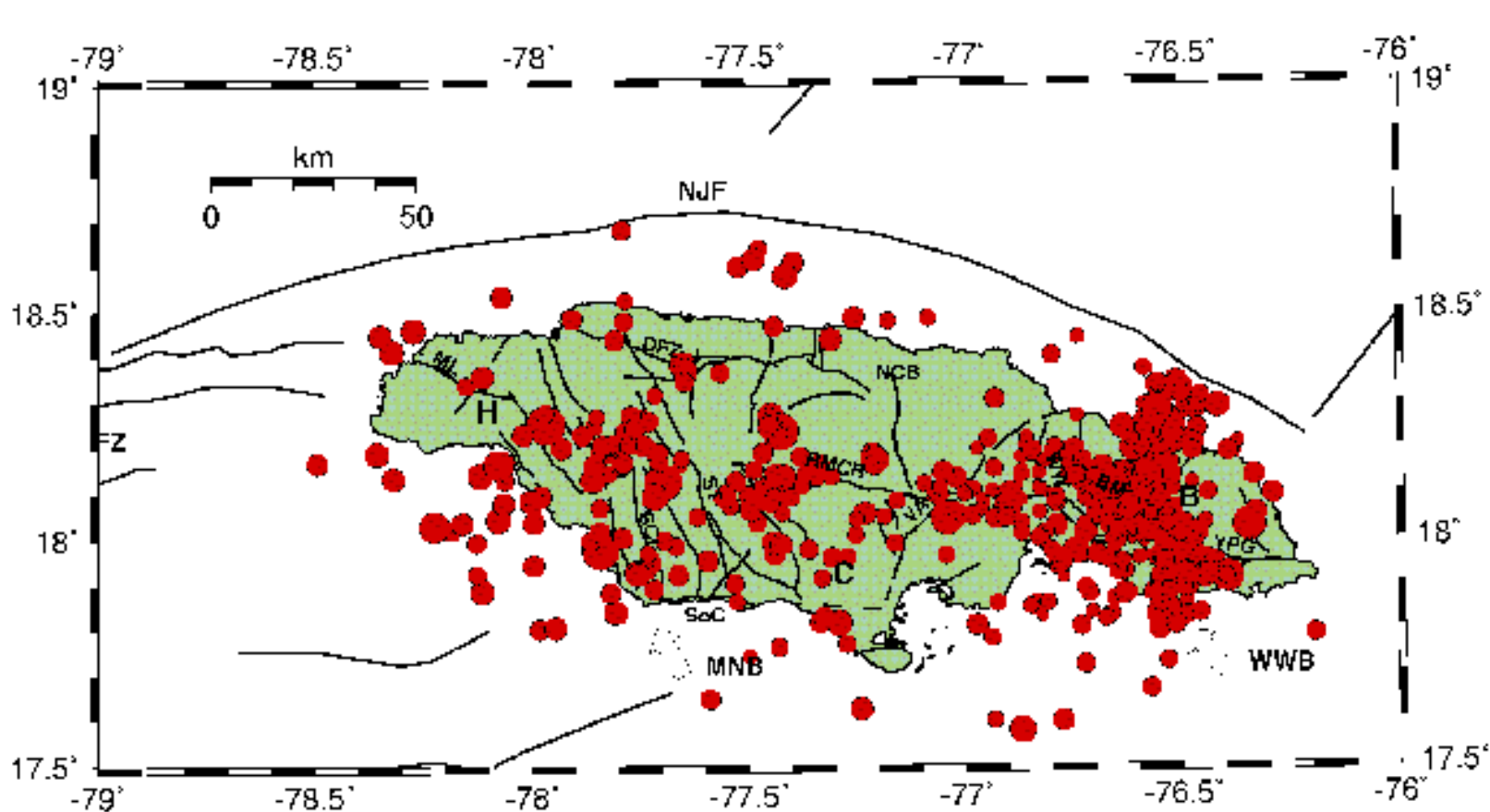


Cuban Swallowtail

Papilio (Heraclides andraemon)

Earthquake monitoring and archives

JAMAICA SEISMICITY 1997-2007



From UWI, St Augustine DSpace Repository

Title: Seismograph stations in Trinidad and Tobago and the Commonwealth Caribbean

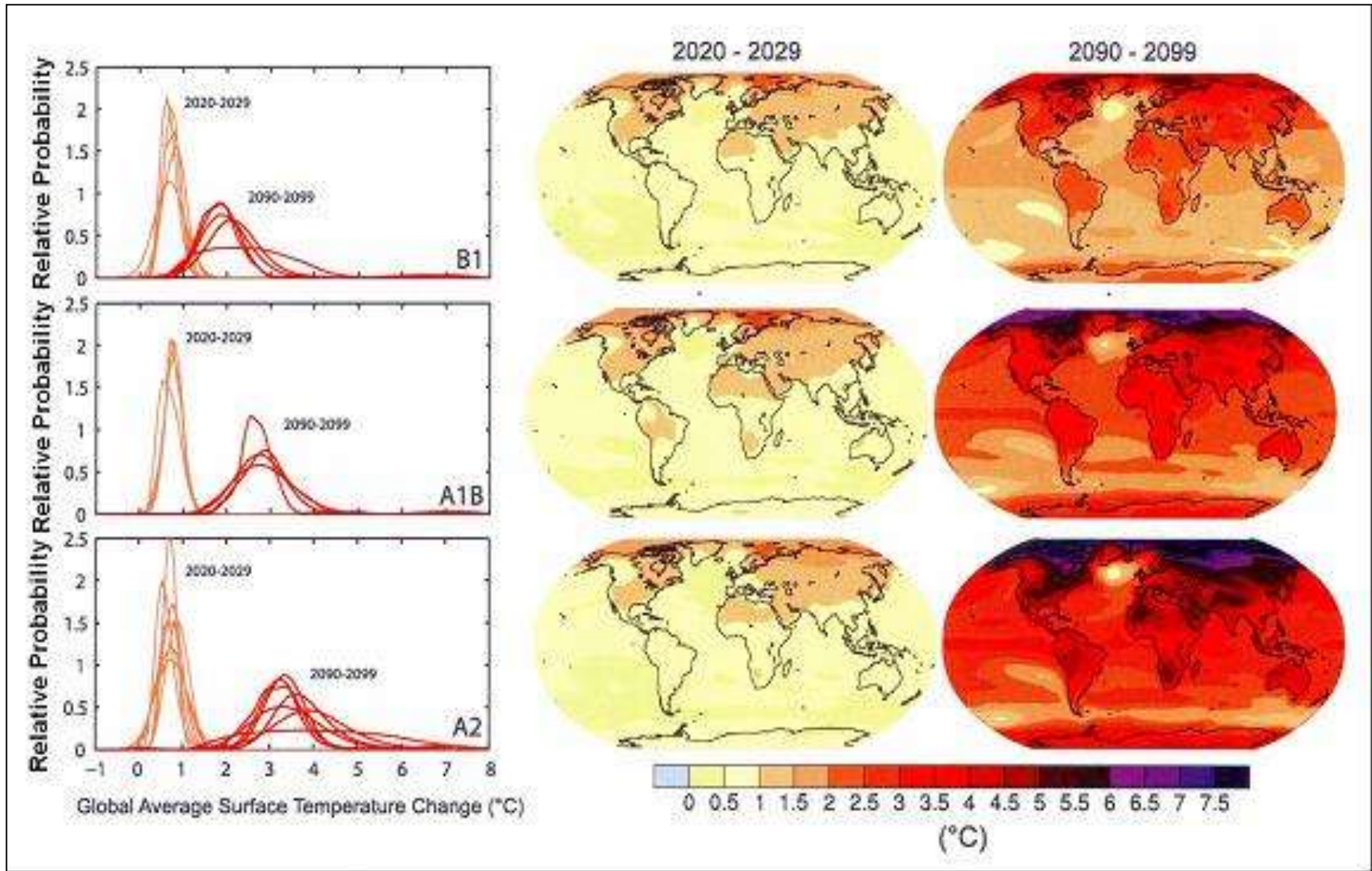
Author: Seismic Research Centre

Abstract: This report provides a list of all stations which have operated in the region of Trinidad and Tobago and the Commonwealth Caribbean. These stations are all under the control of the Seismic Research Centre and all seismograms recorded since 1952 are archived at the Centre. Additional stations are operated in the French Antilles by the Institute de Physique du Globe.

URI: <http://hdl.handle.net/2139/8469>

Projections of Temperature Increases for 3 IPCC Scenarios

Maureen L. Cropper, University of Maryland and Resources for the Future
CAS General Meeting in Antigua, November 2010



The Meteorological Service of Jamaica

<http://www.metservice.gov.jm/aboutus.asp>

The History:

In Jamaica, the Meteorological Service of Jamaica, which is a scientific division of the Ministry of Land and Environment, handles the very important business of meteorology. In 1962 Jamaica became an individual member of the World Meteorological Organization (WMO), a specialized agency of the United Nations.

The Organization:

The Meteorological Division is comprised of three distinct Branches, all overseen by the Director of Meteorological Services and managed by separate Branch Heads. These are the Administration and Support Services Branch, the Weather Branch and the Climate Branch.

Based at the Meteorological Headquarters, ***the Climate Branch*** is responsible for maintaining a current database of the climate of Jamaica and for the utilization of this data in informing productive sectors of the country. It consists of a Data Acquisition Section that sets up and maintains an island wide network of rainfall and climatological stations; a Data Processing Section that gathers, archives and analyses the climatological data with a view to monitoring and assessing the climate of the island; and an Applied Meteorology Section that processes the needs of clients, which include crop water requirements, design criteria for hydrologists and engineers, and climatological information for resolving weather related legal and insurance issues

Jamaican Mineral Collections

UWI Geology Museum Collection

The Museum houses over 20,000 catalogued specimens collected worldwide.

Lucas Barrett Collection

Lucas Barrett (1837 – 1862), a geologist, worked in Jamaica for just over three years. He held the post of Director of the first Geological Survey of Jamaica until his untimely death in 1862. His name has been perpetuated in the rudist genus *Barrettia* Woodward, which he discovered in 1861 in the Back Rio Grande Valley of Portland, northeast Jamaica. His collection consists of some 153 rock, mineral and fossil specimens, 80 of which were collected from eastern Jamaica. The specimens were not only collected to aid his geological investigations, but also to form the basis for a geological museum, an idea he fostered from 1859 until his death. Following his death, his specimens were sent to his family in England and later housed in the Sedgewick Museum, Cambridge. These specimens were acquired by the UWIGM in 1975.

Verners A. Zans Collection

This collection of recent molluscs and corals was acquired from the Geological Survey of Jamaica in 1961, when the Department of Geology was being established. Verners A. Zans, a past Director of the Geological Survey of Jamaica, did extensive work on Jamaican geology, which resulted in, among others, the discovery of marble deposits in St. Thomas and the publication of a new geological map of Jamaica in 1958.

Howard R. Versey Collection

Howard R. Versey, a former Director of the Geological Survey from 1966 to 1968, worked extensively on mapping the Tertiary White Limestone Formation and succeeded in zoning the formation on the basis of larger foraminifers and establishing a relationship between the several facies. It is this material, which formed the basis of his M.Sc. research, that comprises this collection.

Institute of Jamaica Collection

A collection of rocks, minerals and fossils from Jamaica and around the World that was donated to the museum in the 1970's. Some of these specimens were collected as far back as the 1860's when the first Geological Survey of Jamaica was established.

Table 1. Results of Keyword Searches at David Rumsey Map Collection

<http://www.davidrumsey.com/>

Search Term	Count	Search Term	Count
Anguilla	1	La Desirade	0
Antigua	5	Saint Kitts	3
Barbuda	5	Nevis	4
Aruba	1	Saint Lucia	3
Bahamas	8	Saint Vincent	3
Barbados	6	Grenadines	3
Belize	4	Netherland Antilles	0
Bermuda	12	Saba	1
British Virgin Islands	1	Sint Eustatius	0
Cayman Islands	1	Sint Maarten	0
Cuba	18	Curacao	4
Dominica	4	Bonaire	0
Dominican Republic	9	Suriname	0
Grenada	5	Trinidad	5
Guyana	18	Tobago	6
Haiti	8	Turks	1
Jamaica	17	Caicos Islands	1
Montserrat	1	United States Virgin Islands	0
Puerto Rico	8	Virgin Islands	9
French Caribbean	0	Hispaniola	6
Guadeloupe	2	British Guiana	2
Martinique	4	West Indies	107
French Guiana	4	Caribbean	6
Saint Barthelemy	0	Antilles, Greater	0
Saint Martin	1	Antilles, Lesser	0
Marie Galante	0	Antilles	8
Iles des Saintes	0	Antillen	1



Enlarged detail of hand colored engraved map of the island of Jamaica by Herman Moll, 1736. Relief is shown pictorially. Shows towns, churches and sugar, cotton, indigo and cacao works. Original scale 1:1,100,000. (David Rumsey Collection)