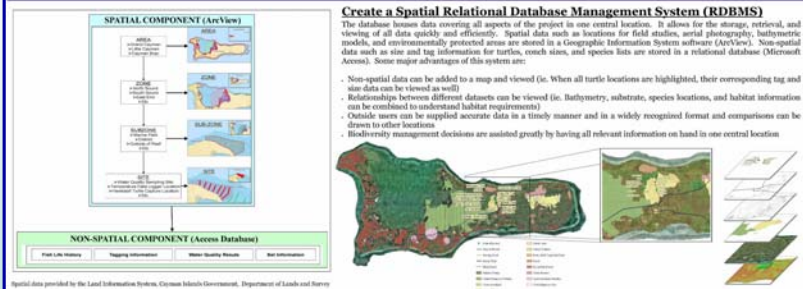
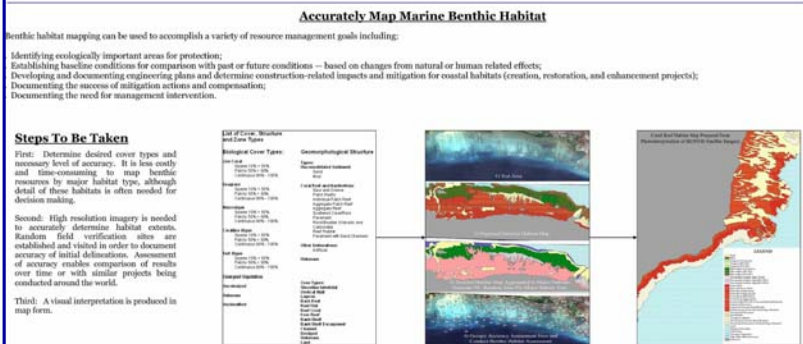
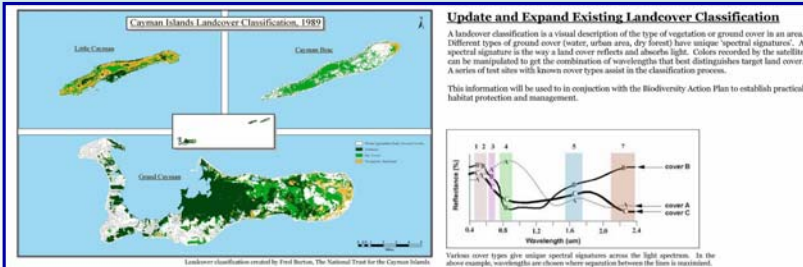




IN IVAN'S WAKE

DARWIN INITIATIVE FOR THE CAYMAN ISLANDS



Biodiversity mapping of the marine and terrestrial environment using a combination of remote sensed imagery and biological survey

Bringing together local and international expertise... building capacity to benefit Cayman's biodiversity and the local livelihoods which depend on a healthy natural environment

Public awareness activities focusing on practical and accessible conservation projects

Establishment of a dedicated biodiversity website
www.CaymanBiodiversity.com

Targeted conservation research and management of key species and habitats through the development of a Biodiversity Action Plan

SPECIES AND HABITAT ACTION PLANS

Draft Action Plans have been prepared for the Grand Cayman Blue Iguana, Wild Banana Orchid, Cayman (Cuban) Parrot, Brown Booby, Vitelline Warbler, Queen Conch, Marine Turtles and Silver Thatch

On completion of an OTEP-funded Red List of the Flora of the Cayman Islands, 2006, 46% of the Cayman Islands native plants ranked as threatened with extinction locally. Twenty species of flora were identified as requiring SAPs



Cayman Islands
BIO-DIVERSITY ACTION PLAN
WWW.CAYMANISLANDSOCIETY.COM

2. PROPOSED LOCAL ACTION

SPECIES: Grand Cayman Blue Iguana *Cyclura nivalis* (Grant)

1. INTRODUCTION

Taxonomy / Range

The Grand Cayman Blue Iguana, *Cyclura nivalis* (Grant), is endemic to the island of Grand Cayman. Coexisting with the Caymanian Parrot, and the Caymanian Cuckoo (Barnard), all three having apparently diverged from a common ancestor some 3 million years ago.

Status

2002 surveys indicate a wild population of 10-25 individuals.

Natural history

It is likely that the original population included many animals living in coastal environments. The Blue Iguana may once have lived in a more semiarid environment, and along the margins of mangrove forest. The adults are primarily terrestrial, occupying rocky hillsides and low vegetation. Younger individuals tend to be more arboreal. Like all *Cyclura* species the Blue Iguana is primarily nocturnal, consuming insects, flowers and fruits. This diet is a very rarely augmented with insect larvae, crabs, eggs, dead birds and fungi. Hatchlings are protected from the intense solar radiation by remaining in the shade of the adult. The young are typically 1 year old, mature (capable in the wild) is common, but is presumed to be many decades. One captive in the USA died at 67 years of age.

ASSOCIATED HABITAT PLANS

Domestic
Agriculture land

ASSOCIATED SPECIES PLANS

Caymanian Parrot
Caymanian Cuckoo
Grand Cayman Blue Iguana
Grand Cayman Blue Iguana
Grand Cayman Blue Iguana

ACTION

Policy & Legislation					
P.L. 1: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	
P.L. 2: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	
P.L. 3: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	
P.L. 4: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	
P.L. 5: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	
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P.L. 100: "To protect and preserve the natural resources of the Cayman Islands."	CdR	1st	2006	1.2	

ACTION

Research / Monitoring					
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