

## OVERVIEW

1. Windsor Research Centre (WRC)  
- A Brief History
2. Cockpit Country Conservation Planning
3. Homerus Conservation  
- An Epic of Landscape Proportions
- 4 Hot-Off-The-Press News  
- 2016 and Onwards ...

Supported by:



# Windsor & Cockpit Country Conservation Planning

WRC

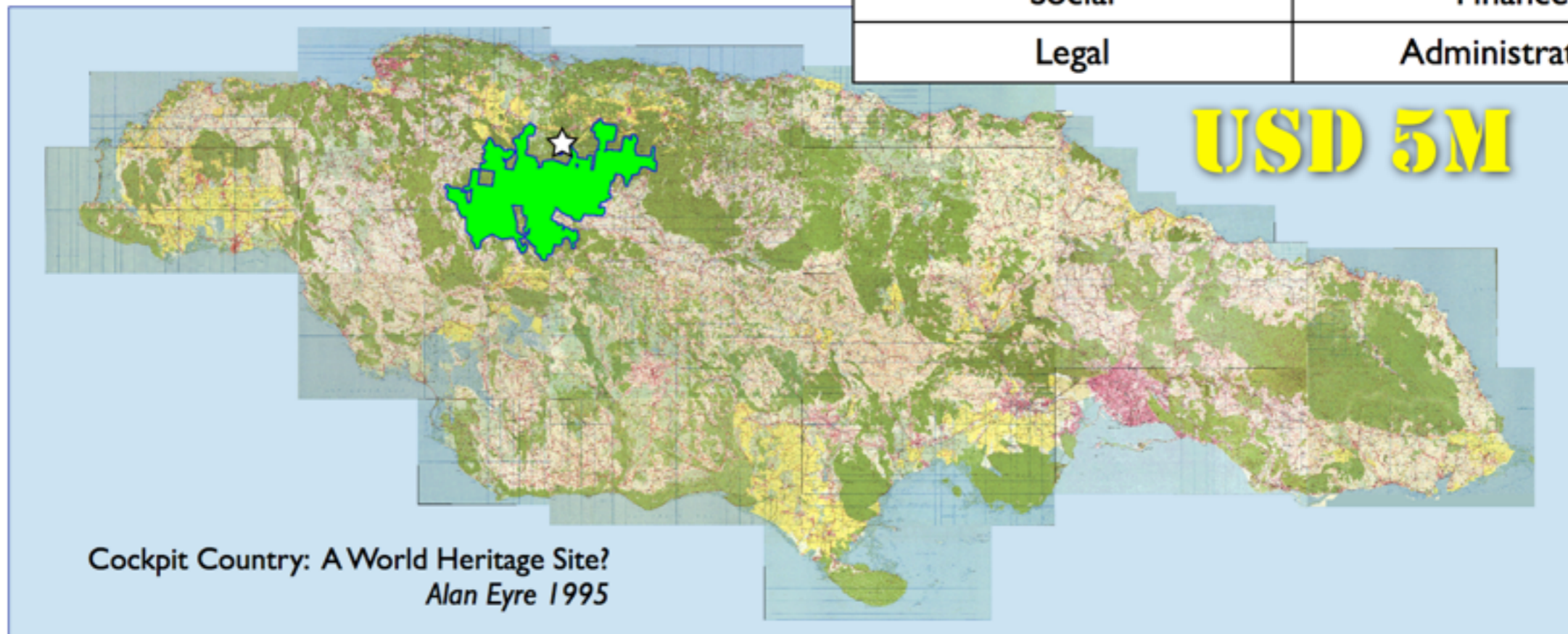
- ✓ PhD Ecologist
- ✓ Reformed Contractor  
(i.e., history as local employer)
- ✓ Community-Based
- ✓ Mud-On-Our-Boots



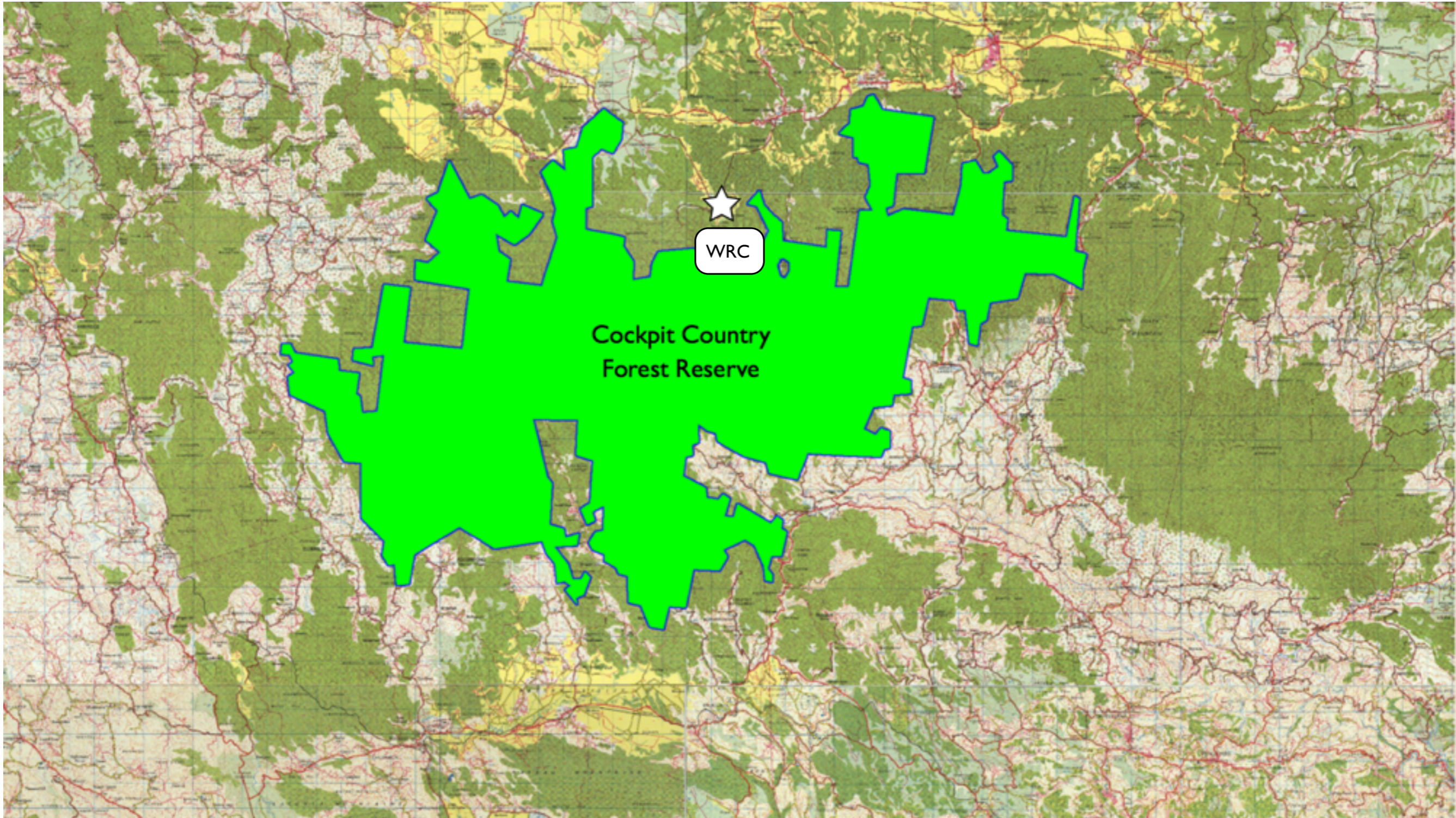
WORLD BANK GROUP

GLOBAL ENVIRONMENT FACILITY  
INVESTING IN OUR PLANET

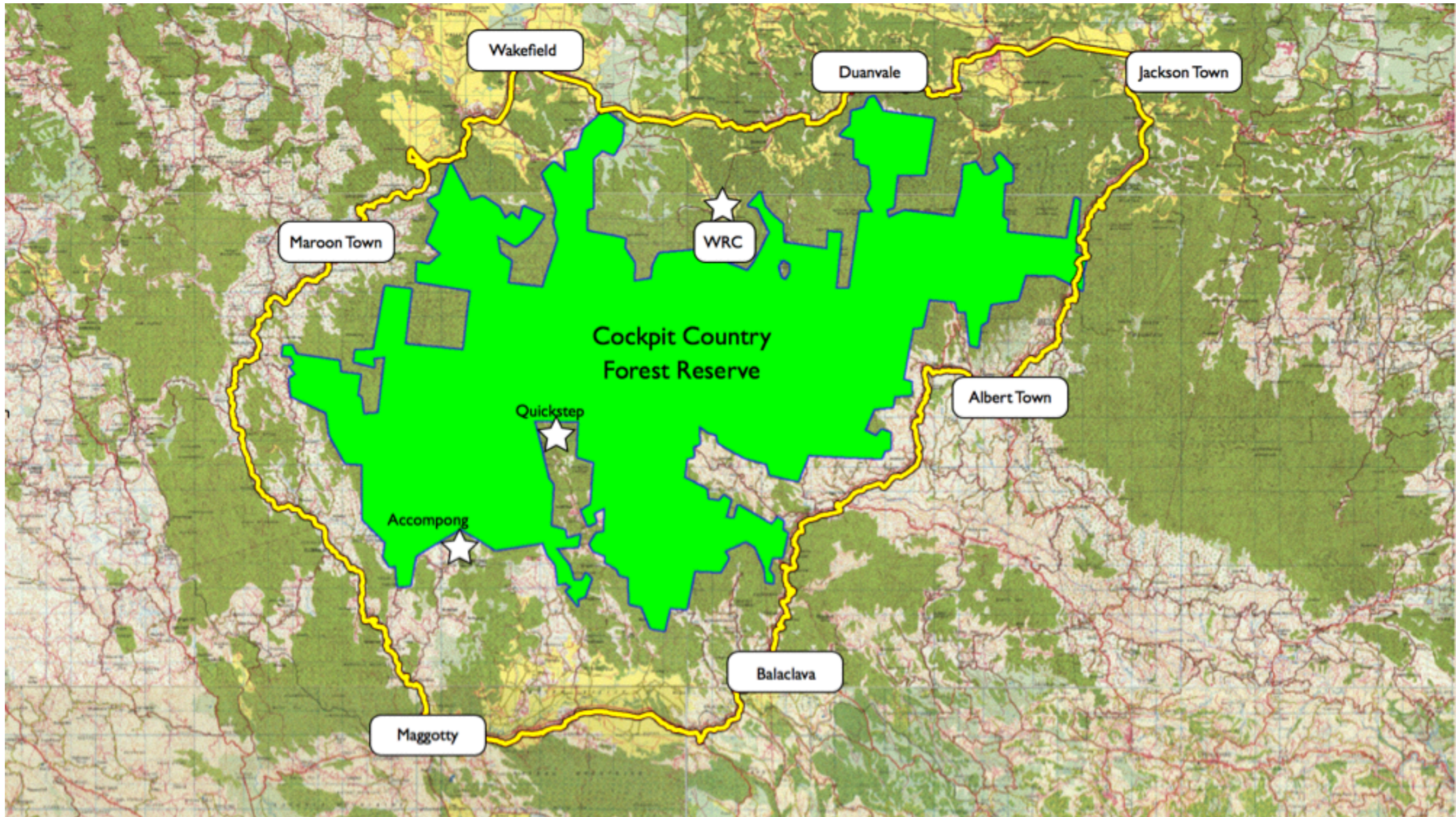
Biodiversity	Indigenous Rights
Social	Finance
Legal	Administration



In 2000, Susan had a consultancy with a World Bank GEF-funded team, to assess the potential of improving the conservation status of Cockpit Country, with a goal towards declaration as a World Heritage Site. If feasible, Jamaica would have been eligible for a USD 5 million grant.



We were instructed to focus on the Cockpit Country Forest Reserve.



Using topographic maps and old aerial photographs, it was easy to notice how few communities there were in the interior of the Forest Reserve, while there is a distinctive “ring road” of communities around the Forest Reserve. We decided that this “Ring Road” could serve as a recognizable feature which also afforded a buffer zone to the Forest Reserve. This began our usage of the concept of the “Cockpit Country Ring Road”.

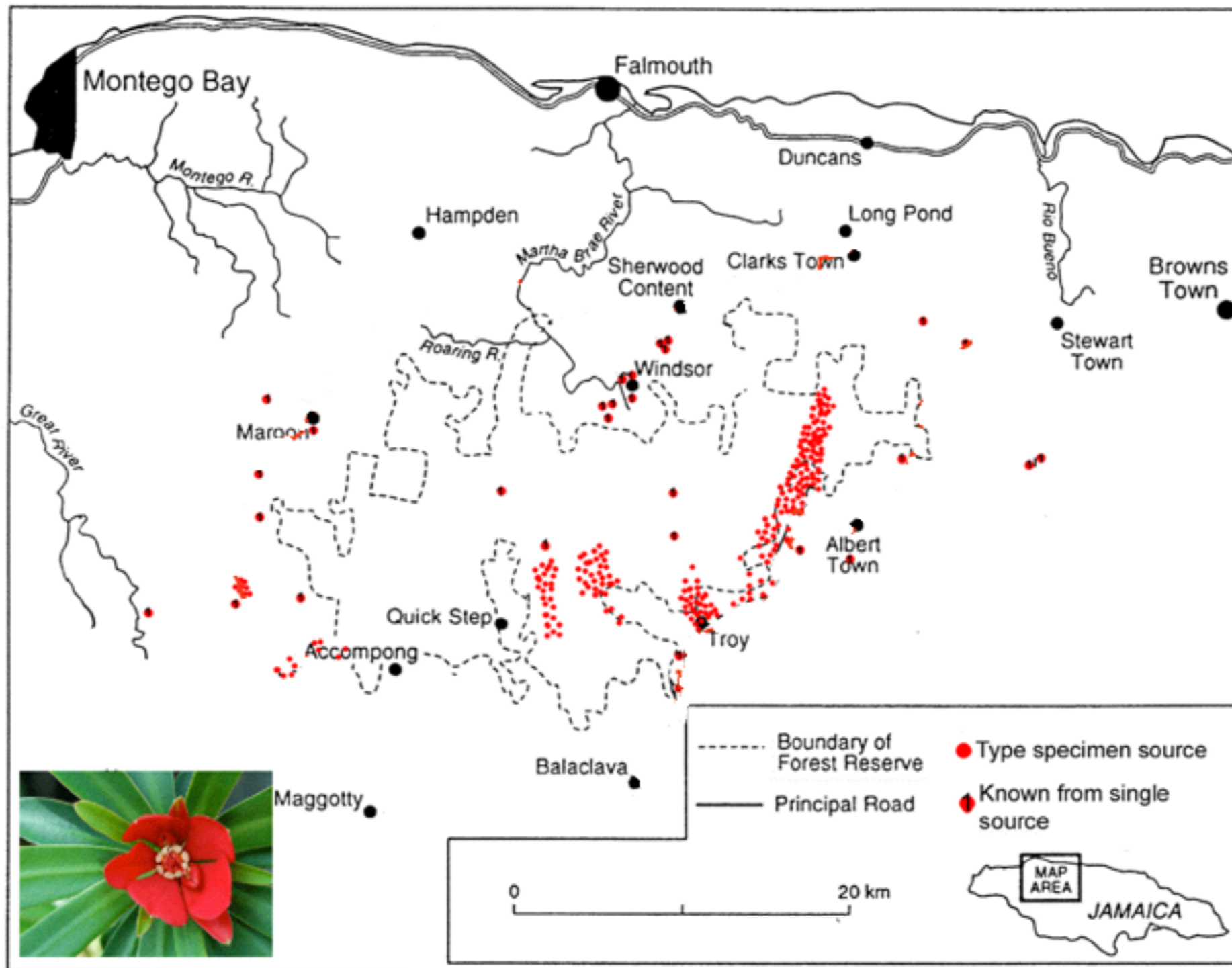
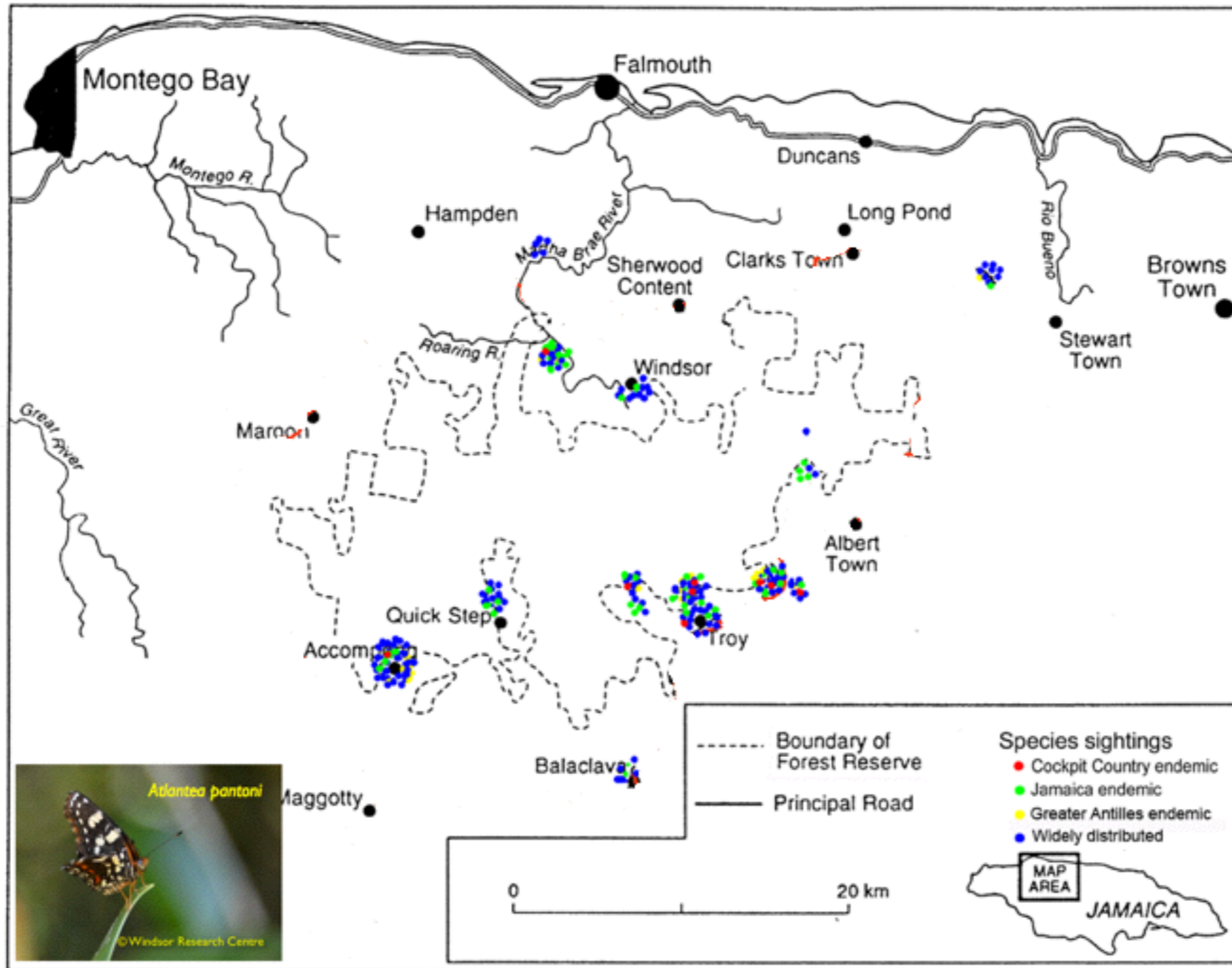


Figure 3.9. Presently-known distributions of plants endemic to the Cockpit Country.

With Jamaican colleagues, Susan mapped the flora and fauna found within the “Cockpit Country Ring Road”. They focused on species endemic to Jamaica or those historically described as endemic to Cockpit Country. All mapping was done by-hand on 1:50,000 topographic maps.



**Figure 3.10. Reported butterfly localities**

When all floral and faunal layers (amphibians, reptiles, birds, butterflies and bat roosting caves), were mapped, it was strikingly obvious that Cockpit Country supported an extraordinary number of plants and animals which were either restricted entirely to Cockpit Country or for which the area served as an important refugium from deforestation elsewhere on Jamaica. It was also obvious that we mapped “researcher distributions”: the interior was barely explored. Our message to World Bank-GEF: Let’s Protect CC!

## Two Pre-Conditions



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**USD 5M**



...in subject of Captain Curjoe, the friendship with us, according to the form & tenor of this treaty. Thirdly, that they shall enjoy & possess, for themselves & posterity for ever, all the lands situate & lying between Taulany Town & the Cockpit, to the amount of 1500 acres being N.W. from the said Taulany Town. Fourthly, that they shall have liberty to plant the said lands with Coffee, Cocoa, ginger, tobacco, & cotton & to breed Cattle, hogs, goats, or any other stock, & dispose of the produce or increase of the said Commodities to the Inhabitants of this Island; provided

World Bank-GEF said "Great!" . . . and we only have two conditions for the Government of Jamaica:  
1. Resolve the boundary dispute with the Accompong Maroons.

## Two Pre-Conditions

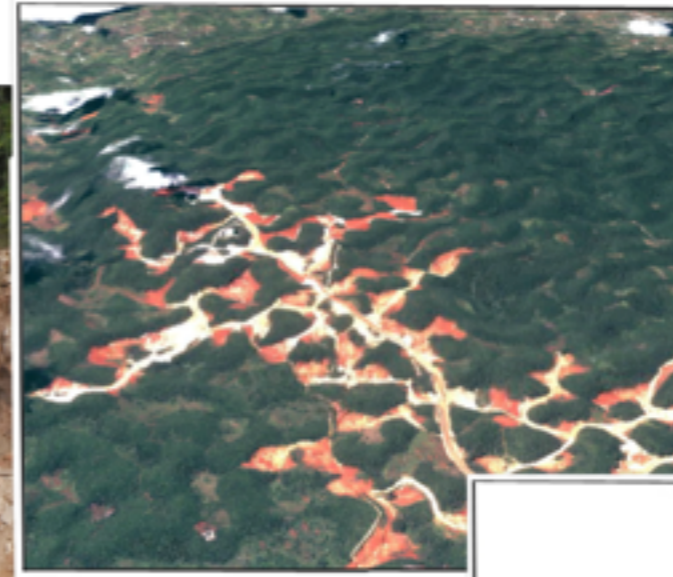


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USD 5M

Occupied house



2. Promise that mining of bauxite (the ore used for aluminum) will be prohibited in Cockpit Country.

(Note: This sounded eminently reasonable to us. After all, USD 5 million is a lot of money to give for conservation, so turning around and gouging-out the landscape certainly didn't seem compatible!)



# Two Pre-Conditions

## THE MINING ACT

[13th October, 1947.]

### PART I. General

1. This Act may be cited as the Mining Act.
2. In this Act—

“this Act” includes regulations made under this Act;

“alluvial” includes all forms of mineral deposits which do not fall within the definition of lode, and for the purposes of this Act bauxite and laterite deposits shall be regarded as alluvial deposits;

5

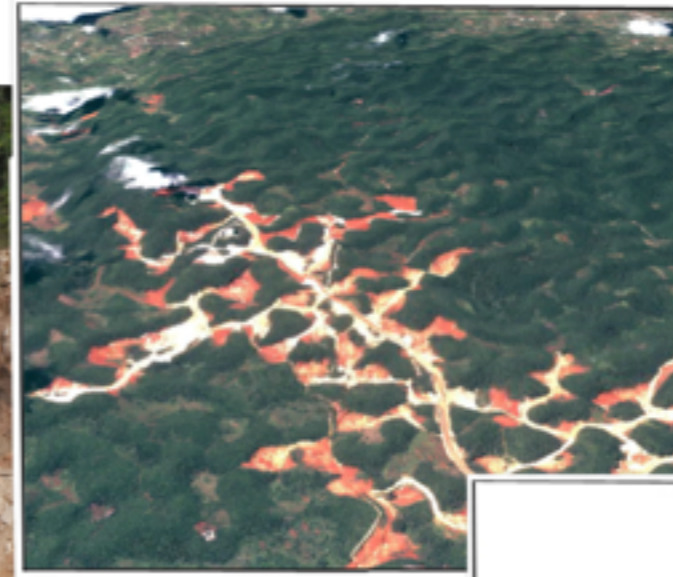
Cap. 253.  
Laws  
38 of 1957,  
39 of 1958,  
21 of 1959,  
43 of 1960.  
Acts  
20 of 1974,  
30 of 1974,  
29 of 1977,  
33 of 1979,  
16 of 1983  
2nd Sch.  
33 of 1991  
S. 22,  
36 of 1995  
3rd Sch.  
Short title.  
Interpreta-  
tion.



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USD 5M



Occupied house



Unfortunately, Government not only said “no way will we deny ourselves the opportunity to mine the bauxite”, but it was pointed out repeatedly by the Mines & Geology Division and by the Jamaica Bauxite Institute that the Mining Act (1947) pre-dated all other environmental legislation: “there is nothing you can do to stop us from mining.”

And with that, the World Bank-GEF walked away. We don't blame them.

## Windsor & Cockpit Country Conservation Planning



Catadupa CAP\_v6b\_2015-09 [Compatibility Mode]

The Nature Conservancy		Conservation Action Planning Workbook	
Protecting nature. Preserving life.™		A tool for developing strategies, taking action, and measuring success © 2011 The Nature Conservancy Version: CAP_v6b March 14, 2011	
Welcome	Hide/Zoom Worksheets	Workbook Setup (Establecer libro de trabajo) (Organização do Programa)	Reset Menus Tables
To change the table format, double-click on the table header. A table format form will appear.			
<b>Project and Conservation Targets</b>			
<b>Project</b>	<b>Cockpit Country</b>		
Target #1	Wet Limestone Forest		
Target #2	Cave Communities (non-aquatic)		
Target #3	Karst Freshwater Ecosystems		
Target #4	Tank Bromeliad Communities		
Target #5	Amazona Parrots		
Target #6	Giant Swallowtail		
Target #7	Ring-tailed Pigeon		
Target #8			

Home Viability Σ Viability Stress,Source (4) Σ Threats Strategies Monitoring Σ Stresses Resources Targets

Fortunately, The Nature Conservancy (a partner to the World Bank-GEF team) didn't walk away.

They introduced us to Conservation Action Planning (CAP), their Excel-based planning tool which transformed how we thought about protecting biodiversity: we now had a logical framework which allowed us to discuss with decision-makers that conservation is about maintaining ecological processes and eliminating threats which compromise ecosystem functions and services, it's not "single species bean counting" and "putting points on a map which mining companies should try to avoid if they can".

Together with Jamaica's Forestry Department, the National Environment and Planning Agency and many other relevant stakeholders (esp. communities), we worked with TNC to develop the first CAP for Cockpit Country.

# Windsor & Cockpit Country Conservation Planning



Catadupa CAP\_v6b\_2015-09 [Compatibility Mode]

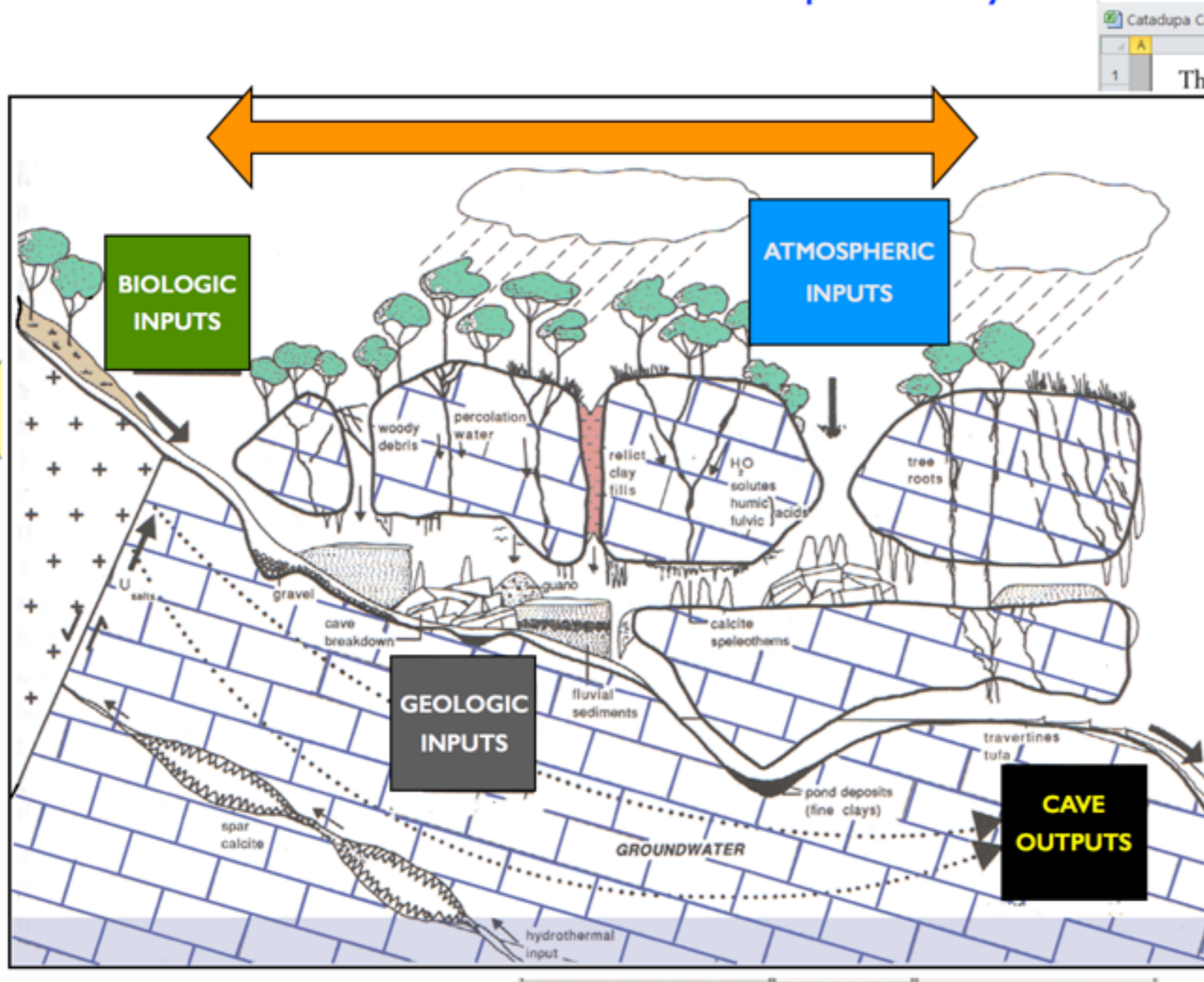
The Nature Conservancy		Conservation Action Planning Workbook	
Protecting nature. Preserving life.™		A tool for developing strategies, taking action, and measuring success	
		© 2011 The Nature Conservancy Version: CAP_v6b March 14, 2011	
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	Cave Communities (non-aquatic)		
	Karst Freshwater Ecosystems		
	Tank Bromeliad Communities		
	Amazona Parrots		
Target #6	Giant Swallowtail		
Target #7	Ring-tailed Pigeon		
Target #8			

Home Viability Σ Viability Stress,Source (4) Σ Threats Strategies Monitoring Σ Stresses Resources Targets



CAP starts by defining Conservation Targets - the biodiversity which encapsulates the area of concern. We typically start by defining major habitat types: if we protect the forest, then all the forest-dependent species (esp. all the non-charismatic invertebrates, soil organisms, etc.) are *de-facto* protected.

# Windsor & Cockpit Country Conservation Planning



Catadupa CAP\_v6b\_2015-09 [Compatibility Mode]

The Nature

**Conservation Action Planning Workbook**  
 A tool for developing strategies, taking action, and monitoring progress.  
 © 2011 The Nature Conservancy Version: CAP\_v6b

Workbook Setup (Establecer libro de trabajo)  
 (Organização do Programa)

To change the table format, double-click on the table header. A table format form will appear.

**Project and Conservation Targets**

**Cockpit Country**

- Wet Limestone Forest
- Cave Communities (non-aquatic)**
- Karst Freshwater Ecosystems**
- Tank Bromeliad Communities
- Amazona Parrots
- Giant Swallowtail
- Ring-tailed Pigeon

Stress,Source (4) Threats Strategies Monitoring Stresses R

For Cockpit Country, which is a karst limestone landscape, we needed to think not only in the horizontal surface plane (i.e., terrestrial forest cover), but we also had to think vertically: cave ecosystems and subterranean aquifers are critical components in karst landscapes and maintaining connectivity amongst these components is paramount.

# Windsor & Cockpit Country Conservation Planning



Catadupa CAP\_v6b\_2015-09 [Compatibility Mode]

The Nature Conservancy Protecting nature. Preserving life.™		Conservation Action Planning Workbook A tool for developing strategies, taking action, and measuring success © 2011 The Nature Conservancy Version: CAP_v6b March 14, 2011	
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Target #2	Cave Communities (non-aquatic)		
Target #3	Karst Freshwater Ecosystems		
Target #4	Took Beamed Communities		
Target #5	Amazona Parrots		
	Grant Swallowtail		
	Ring-tailed Pigeon		

Viability Stress,Source (4) Σ Threats Strategies Monitoring Σ Stresses Resources Targets

CAP does recognize that for some species, protecting habitat is necessary-but-not-sufficient for protecting the species. For example, because of illegal poaching, Jamaica's endemic *Amazona* parrots are vulnerable: management interventions above-and-beyond forest protection need to be defined; thus the parrots are listed as a separate conservation target so we can be sure to identify anti-poaching actions.

**Fig. 1** Map of Jamaica showing study areas. DM, Dolphin Head Mountain; CC, Cockpit Country; M, Mt Diablo; SR, Spanish River; LM, Long Mountain; JBM, John Crow and Blue Mountains; ●, Breeding populations; ○, larval food plant only; ✕, adult sighting only from previous studies



Garraway et al. 2008  
Blue Mtns = parasitic wasp

Analyse & Improve

Analyse actions

IUCN EN

Target #6

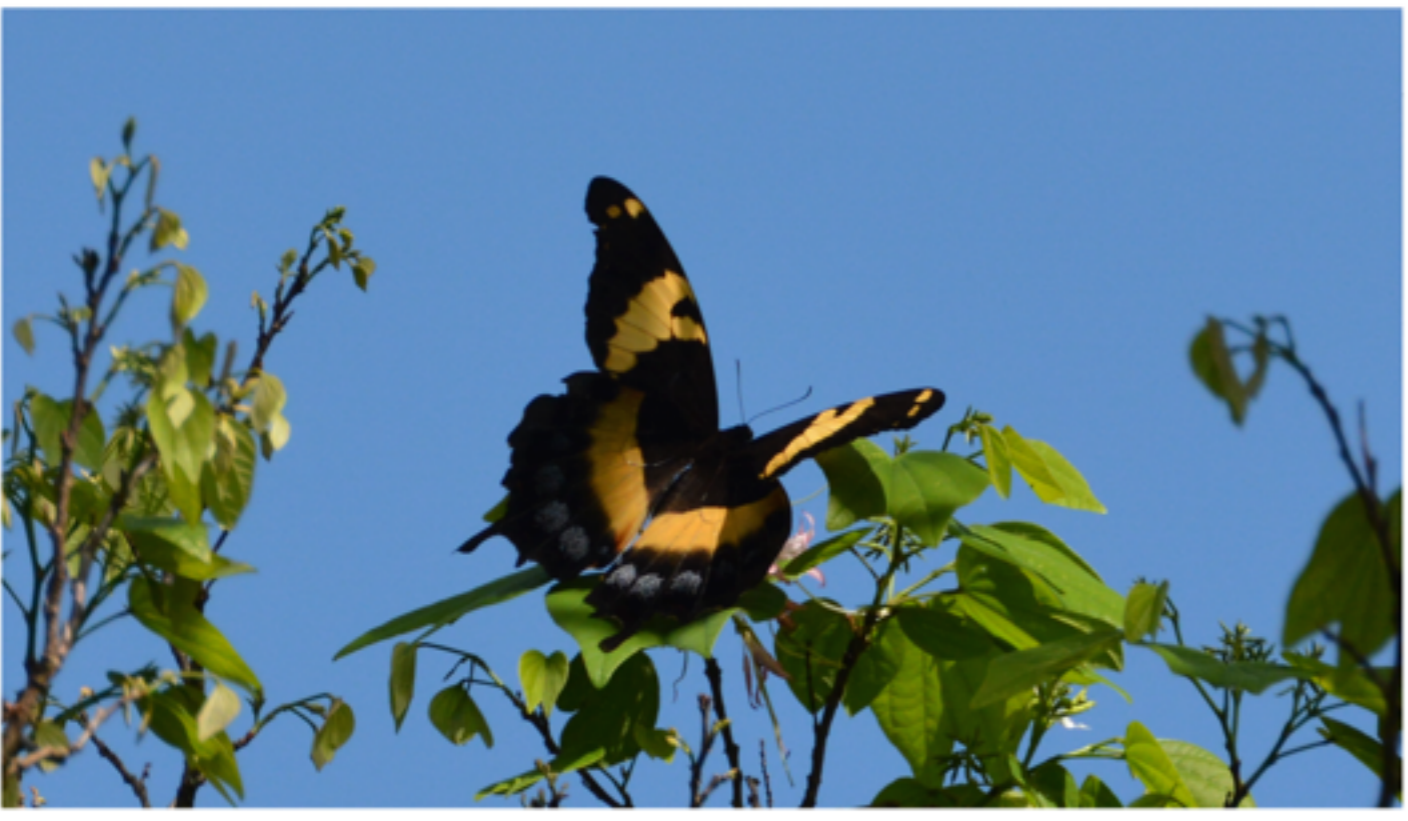
Giant Swallowtail

Target #7

Ring-tailed Pigeon

Target #8

Home Viability Σ Viability Stress,Source (4) Σ Threats Strategies Monitoring Σ Stresses Resources Targets



Similarly, because of the importance of Cockpit Country to the survival of Jamaica's endemic Homerus (Giant) Swallowtail and the ever-present concern for illegal poaching, this butterfly also was identified as a Conservation Target in the CAP.

# Windsor & Cockpit Country Conservation Planning



Catadupa CAP\_v6b\_2015-09 [Compatibility Mode]

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Target #8			

Targets Strategies Monitoring Σ Stresses Resources Targets



Another potential CAP target for Cockpit Country was Jamaica's endemic Ring-tailed Pigeon. Aside from needing protection from illegal hunting, this species represents an important landscape-level process which must be protected, namely the seasonal movement of species between interior (i.e., Cockpit Country) breeding and coastal non-breeding habitats: the species suffers if we don't protect ALL necessary habitats AND connectivity between them. This well-recognized pigeon also serves as a proxy for all Cockpit Country-dependent species which make seasonal, intra-island migrations, including those butterflies which shift their habitat usage between wet and dry seasons.

# Windsor & Cockpit Country Conservation Planning

## Appendix B. Target Viability

Target and Site Viability Table

Conservation Target	Landscape Context	Condition	Size	Overall Viability Rank
1 Limestone Forest	Fair	Good	Fair	Fair
2 Karst Freshwater Ecosystems	Fair	Fair		Fair
3 Cave Communities (Terrestrial)	Fair	Poor		Fair
4 Black-billed and Yellow-billed Parrots	Good	Good	Very Good	Good
5 Giant Swallowtail Butterfly	Good	Fair		Good
<b>Site Biodiversity Health Rank</b>				Fair

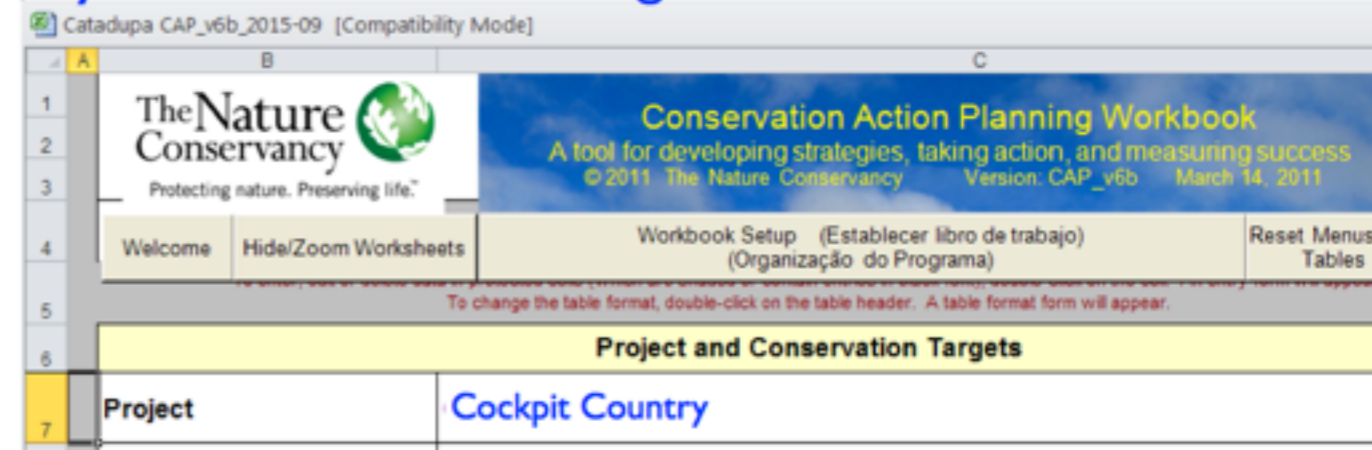
The Overall Viability Ranks are defined as:

**Very Good:** The target is functioning at an ecologically desirable state, requiring little human intervention for maintenance within the natural range of variation (i.e., is as close to "natural" as possible and has little chance of being degraded by some random event).

**Good:** The target is functioning within its range of acceptable variation, although it may require some human intervention for maintenance.

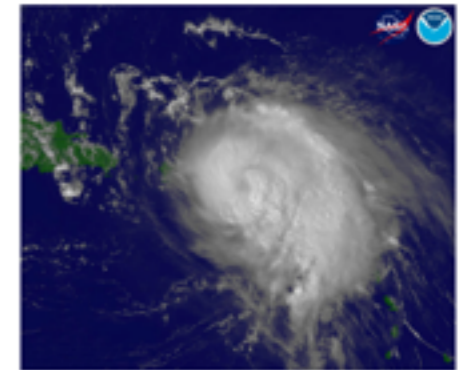
**Fair:** The target's status lies outside of its range of acceptable variation and requires human intervention for maintenance. If unchecked, the target will be vulnerable to serious degradation.

**Poor:** Allowing the target to remain in this condition for an extended period will make restoration or prevention of extirpation practically impossible (e.g., it will be too complicated, costly, and/or uncertain to reverse the alteration).



### SCENARIO:

Normal environmental regime



<b>VERY GOOD</b>	Recover without human intervention
<b>GOOD</b>	Some intervention may be needed
<b>FAIR</b>	Without intervention, will degrade
<b>POOR</b>	Even without hurricane, it needs help!

After CAP Conservation Targets were identified, we evaluated the current condition of all targets: this provides the baseline which we either want to maintain or, more likely, seek to improve with conservation / management actions. For Cockpit Country, we asked experts to think about the targets under normal conditions: because this is an ecosystem which evolved with hurricanes, let's think how resilient the targets are if they got hit by hurricanes twice in one year or by single hurricanes over two consecutive years.



# Windsor & Cockpit Country Conservation Planning

## Appendix C. Summary of Threats across Targets

Threat Summary Table

Threats Across Systems	Limestone Forest	Karst Freshwater Ecosystems	Cave Communities (Terrestrial)	Black-billed and Yellow-billed Parrots	Giant Swallowtail Butterfly	Overall Viability Rank
1 Mining/quarrying (potential)	High	High	Very High	High	High	Very High
2 Conversion of forest	High	Medium	Very High	Low	Medium	High
3 Non-native invasive species	High	Medium	Very High			High
4 Inappropriate garbage disposal		Medium	Very High			High
5 Incompatible agriculture practices	High	High	High			High
6 Amateur/scientific collecting and hunting (food, pet trade, sport)	Medium		High	Medium	High	High
7 Inappropriate septic systems		High	Medium			Medium
8 Timber extraction	High			Low		Medium
9 Non-dynamic gaps (trails, tracks & roads)	High					Medium
10 Recreational Tourism			High			Medium
11 Guano Extraction			High			Medium
12 Human-caused fire	Medium					Low
13 Dams		Medium				Low
14 Yam stick harvesting	Medium					Low
15 Over-pumping of groundwater		Low				Low
16 Introduced Diseases				Low		Low
<b>Threat Status for Targets and Site</b>	<b>Very High</b>	<b>High</b>	<b>Very High</b>	<b>Low</b>	<b>High</b>	<b>Very High</b>

The screenshot shows a spreadsheet interface for 'The Nature Conservancy' with the title 'Conservation Action Planning Workbook'. The 'Project and Conservation Targets' section is visible, listing eight targets for the 'Cockpit Country' project. The bottom navigation bar includes tabs for 'Home', 'Viability', 'Σ Viability', 'Stress,Source (4)', 'Σ Threats' (highlighted with a blue circle), 'Strategies', 'Monitoring', 'Σ Stresses', 'Resources', and 'Targets'.

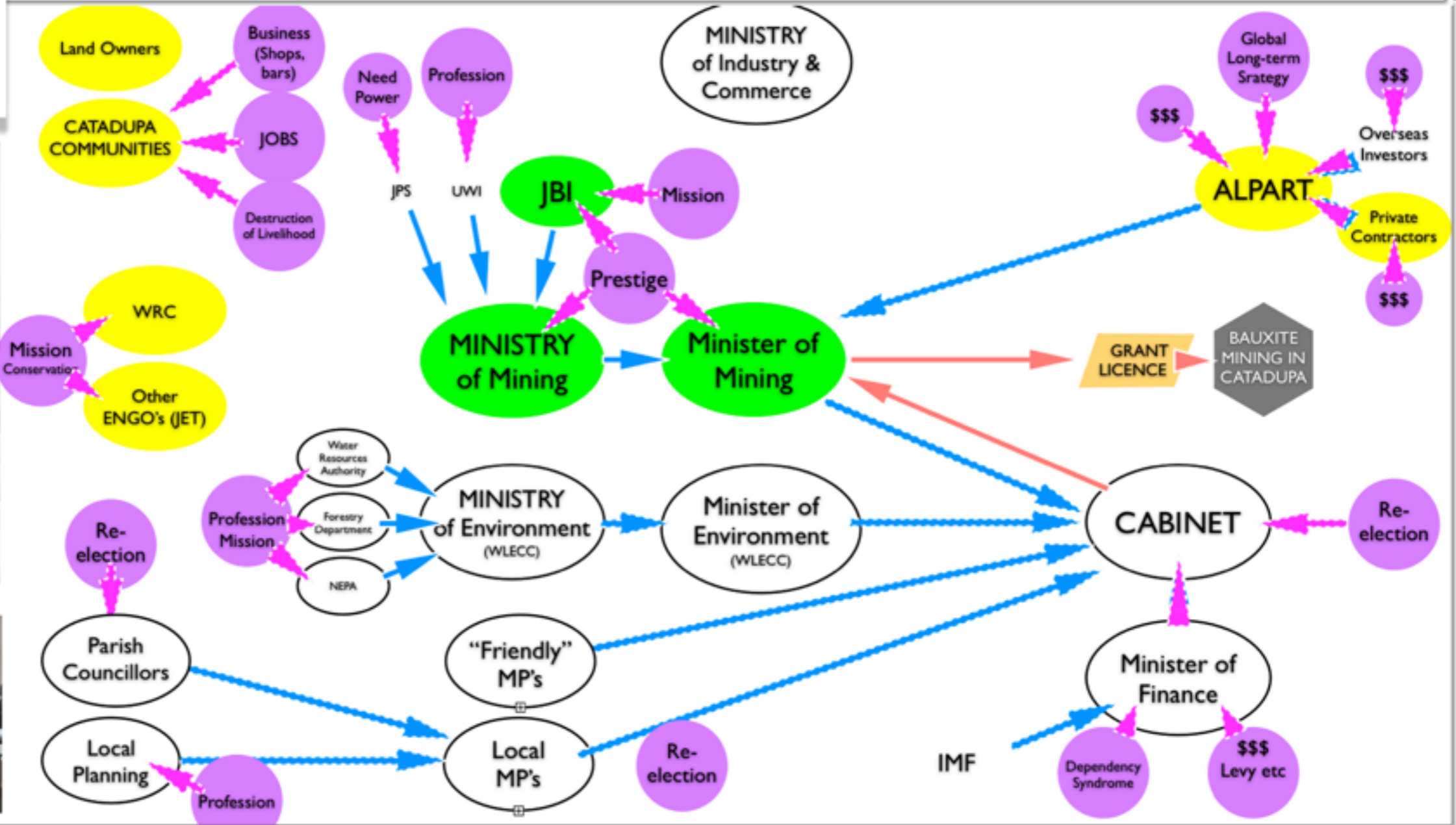
### Threats:

- ▶ Scope
- ▶ Magnitude
- ▶ Irreversibility

The next step in CAP is to identify all of the human activities which affect the conservation targets. Each target is assessed for how much each threat affects the individual target's viability. Then, with a neat roll-up algorithm, the CAP workbook reveals how much each threat contributes to the degradation of targets: we can easily see how some threats might be highly localized to an individual target while other threats are widespread and affect everything. Now we can start to see which threats need immediate attention.

# Who? Why?

## Before Strategies . . . Stakeholder Situation Diagrams



In the Cockpit Country CAP, the potential threat of bauxite mining was identified as the Very Highest threat to the viability of all conservation targets. So, what strategies should we develop? Should we boycott aluminum products? Should we print "No Mining" bumper stickers? Should we meet with politicians? What will be the most effective use of our time and donor resources to stop this threat?

The CAP has the ability to integrate Stakeholder Situation Diagrams (SSD), where we define the stakeholders - those involved either directly or indirectly, positively or negatively - and identify their connections and motivations. Strategies developed during brainstorming sessions can then be filtered through the SSD to determine whether they are feasible and can be prioritized using cost-benefit analysis.

# Appendix D: Prioritized list of Strategic Actions

Strategic actions are ranked on nine criteria related to :

- 1) Benefits (contribution, threat abatement, viability enhancement, duration, leverage),
- 2) Feasibility (lead individual/institution, ease of implementation, ability to motivate), and
- 3) Cost.

Table showing ranking detail of conservation strategies

Strategic Actions	Overall Rank	Benefits	Feasibility	Cost	Overall Rank
1 Collaboratively develop and implement a long term funding strategy for conservation in the Cockpit Country .	Very High	Very High	Very High	Medium	Very High
2 Develop an atlas of Cockpit Country targets and threats to quantify them, and to guide and refine conservation actions and land use zoning.	Very High	Very High	Medium	Medium	Very High
3 Develop an economic case for the conservation of the Cockpit Country by conducting an economic valuation of the ecological services particularly water resources, provided by the Cockpit Country.	Very High	Very High	High	Medium	Very High
4 Develop and disseminate appropriate best management practices for small-scale commercial and subsistence farming to at least 50 farmers working in close proximity to Cockpit Country primary forest	Very High	Very High	High	Medium	Very High
5 Develop and implement an effective mechanism for co-management of the Cockpit Country conservation area in FY06.	Very High	Very High	Medium	Medium	Very High
6 Develop detailed data on the distribution and impacts of major invasive species (bamboo, Asian fern, American cockroach, shiny cowbird, etc) on Cockpit Country biodiversity and develop priorities for control and/or eradication.	Very High	Very High	High	Medium	Very High
7 Develop techniques and implement projects to restore forest in critical areas such as abandoned agricultural lands, river banks and cave entrances using early succession native species.	Very High	Very High	Medium	High	Very High
8 Facilitate and promote the declaration of private land holdings under forest as Forest Management Areas	Very High	Very High	Medium	Medium	Very High
9 Improve the enforcement of the Forest Act (1996) by increasing the number and mobility of forest officers	Very High	Very High	High	Medium	Very High
10 Work with Cockpit Country communities and the relevant solid waste management authority to institute or upgrade appropriate garbage collection and sanitation practices.	Very High	Very High	Very High	Medium	Very High
11 Work with NEPA and other agencies to enforce existing laws and regulations protecting Cockpit Country biodiversity (orchids and bromeliads, parrots, butterflies, and research specimens) from collection pressure.	Very High	Very High	High	Medium	Very High

## Cockpit Country Conservation Planning



June 2006

But to our surprise (horror), in the finalized CAP there were no strategies directed towards actually **preventing** mining (the highest ranked threat) in Cockpit Country.

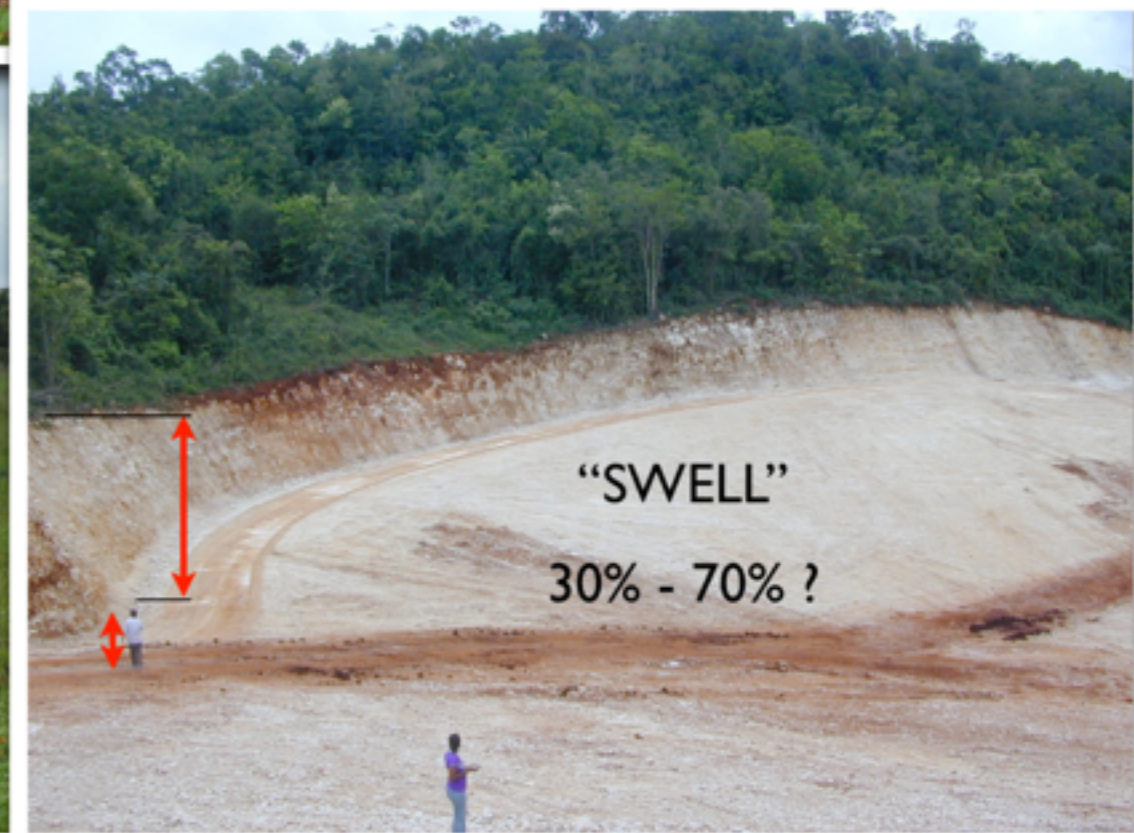
THE MINING ACT

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Cap. 253.  
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38 of 1957,  
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21 of 1959,  
43 of 1960.  
Acts  
20 of 1974,  
30 of 1974,  
29 of 1977,  
11 of 1978.



Post "rehabilitation"  
45 years



Instead, because TNC was told that the 1947 colonial Mining Act was "King", they opted for strategies to improve post-mining reclamation and rehabilitation practices instead of trying to prevent bauxite mining in Cockpit Country.

## The use of GIS-based digital morphometric techniques in the study of cockpit karst

P. Lyew-Ayee,<sup>1\*</sup> H. A. Viles<sup>2</sup> and G. E. Tucker<sup>3</sup>

<sup>1</sup> Mona Geoinformatics Limited, University of the West Indies, Mona, Jamaica

<sup>2</sup> Oxford University Centre for the Environment, University of Oxford, UK

<sup>3</sup> Cooperative Institute for Research in Environmental Sciences and Department of Geological Sciences, University of Colorado at Boulder, USA



Dr. Lyew-Ayee, Jr.



Figure 1. Classic cockpit karst landscape of the Cockpit Country, Jamaica.



But given that Cockpit Country is the *type locality* for cockpit karst and that people have earned PhDs describing the natural landscape . . .

## The use of GIS-based digital morphometric techniques in the study of cockpit karst

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Dr. Lyew-Ayee, Jr.



Mr. Lyew-Ayee, Snr.  
(GM-Jamaica Bauxite Institute)

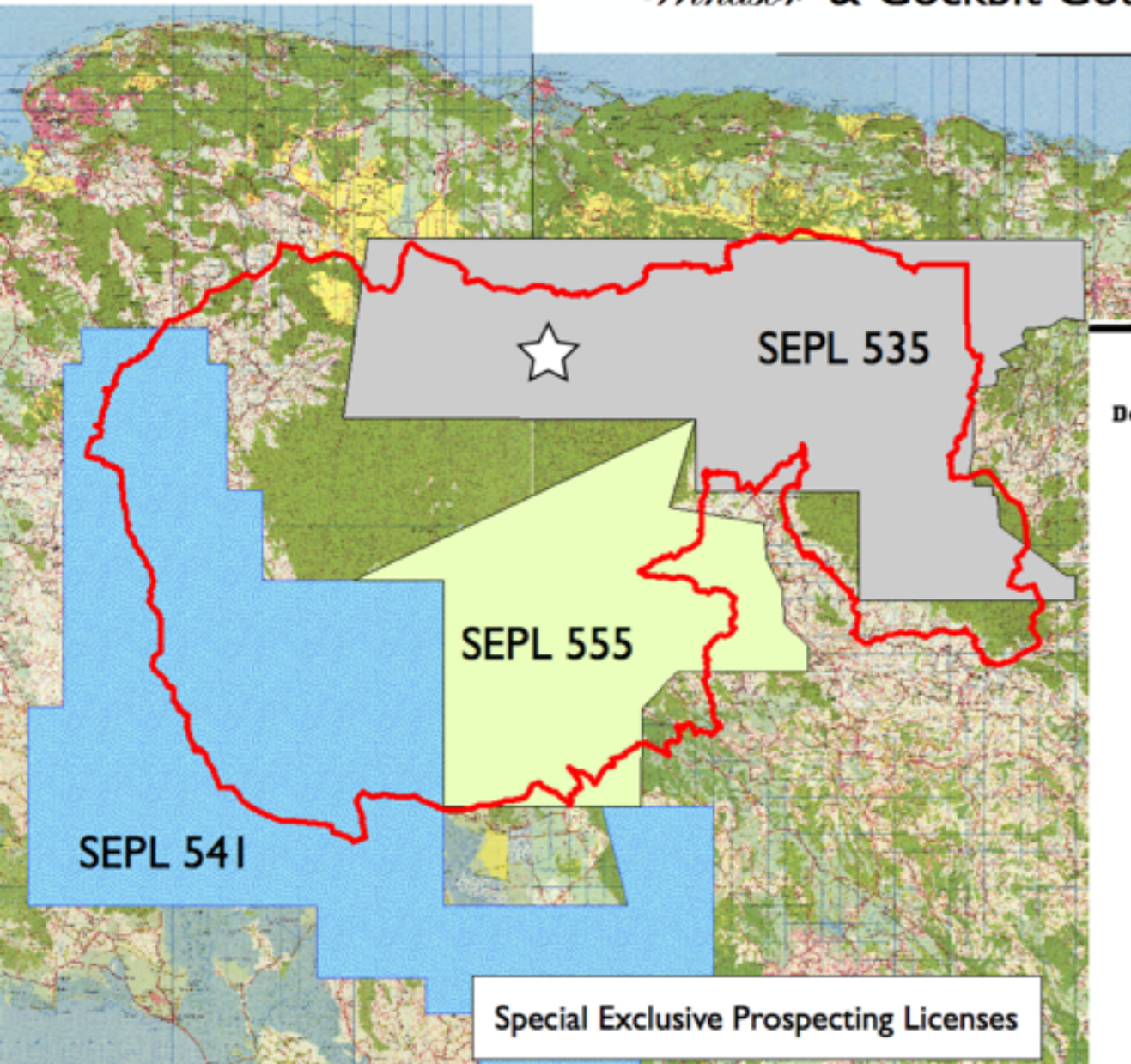


Figure 1. Classic cockpit karst landscape of the Cockpit Country, Jamaica.



... we found it reprehensible that this same opportunity would be denied to anyone else if plans to irreversibly alter Cockpit Country by mining were approved.

# Windsor & Cockpit Country Conservation Planning



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P. 1

UNIVERSAL NUMBER- 2006-07-007-SA-00014

## PARISH COUNCIL OF TRELAWNY

TOWN AND COUNTRY PLANNING (TRELAWNY PROVISIONAL DEVELOPMENT ORDER  
1980)

Date of Refusal 2006 December 14

The Local Planning Authority hereby **refused** the subdivision of  
.....Land Part of New Forest, Trelawny.....  
for the following reason(s) :-

1. the property is located on or in proximity to bauxite reserves. The granting of approval for the subdivision would greatly affect the future viability of such bauxite reserves.

### ADVISORY

N.B. The appeal should be made to: The Honourable Dean Peart  
Minister of Local Government and Environment  
16 A Half Way Tree Road

This letter should include copy of the Refusal and subdivision plan.

And seeing first-hand the consequences of bauxite mining (e.g. families and entire communities relocated; 30-m deep pits with vertical walls dug to within 100 meters of someone's house, etc.), we decided it was best to part ways with TNC's strategy of improving post-mining rehabilitation practices and focus all our efforts on preventing mining from happening in the first place. That is, we continue to be guided by the principles of CAP, but instead of strategies to mitigate (ha ha) the destruction of Cockpit Country, we use CAP to develop strategies to **prevent** irreversible destruction of the landscape.

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JAMAICA'S #1 MORNING DAILY \*

**Daily OBSERVER**  
Vol 13 No 5  
FRIDAY, DECEMBER 15, 2006

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- Unarmed
- Dogs
- Barriers

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Kingston, Jamaica  
Tel: 876-591-1111

Inside : Your 96-page Observer Christmas Cookbook



Jamaica Environment Trust (JET) head Diana McCaulley displays a map of the Cockpit Country at yesterday's press conference called by environmentalists to object to the Government's granting of an exclusive prospecting licence to Alcoa and Clarendon Alumina Production to search for bauxite deposits in the Cockpit Country. Beside her is scientist and anti-mining activist Mike Schwartz. (Photo: Bryan Connors)

# Cockpit row boils

BY KARYL WALKER  
Observer staff reporter

**E**NVIRONMENTALISTS, angered by the Government's granting of an exclusive licence to Alcoa and Clarendon Alumina Production to search for bauxite deposits in the Cockpit Country, yesterday said they were prepared to take their objection to court, and as far as the United Kingdom-based Privy Council if necessary.

At the same time, the environmentalists have called on Prime Minister Stephen Miller to

**Environmentalists eye court action after Gov't grants prospecting licence to bauxite firms**

intervene in the growing dispute and have vowed to engage in civil disobedience to protest the decision. "The prime minister needs to get involved. He got outraged," head of the Jamaica Environment Trust (JET), Diana McCaulley, said at a press conference at

the JET headquarters on Waterloo Road in St Andrew yesterday. "Have we gone out of our minds that we would go and destroy this repository of biodiversity?"

The environmentalists had earlier started out of a National Museum started out of a National Museum Policy Consultancy meeting at the Jamaica Conference Centre in downtown Kingston after permanent secretary in the Ministry of Agriculture, Forestry and Fisheries, announced that the prospecting licence had been granted. The lead group, among them members of the

and Land, Diana McCaulley said at a press conference at

Our dogged efforts to prevent bauxite mining started gaining traction in 2006...



# COCKPIT COUNTRY

## Can the law protect Cockpit Country from the threat of prospecting/mining?

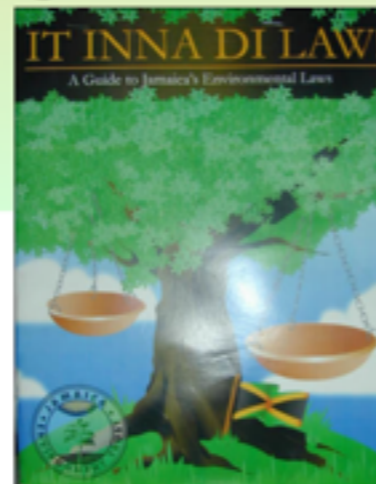
Limited Protection (s. 9 of Mining Act):

**The Minister has the power to declare an area closed to prospecting / mining.**

However:

- This does not apply to an area for which prospecting licence or mining lease was granted **and** is subsisting
- Minister also has power to re-open the area to mining

(c) Danielle Andrade  
Legal Officer, JET  
2007



Office of the Prime Minister

Jamaica House  
Kingston

24<sup>th</sup> September 2007

Dear Ms. McCaulay,

I have for acknowledgement, your letter of 11<sup>th</sup> September 2007 regarding the boundary study of the Cockpit Country.

I have asked the Minister of Agriculture, Fisheries and Forestry to conduct a report of the study. In the meanwhile, you can be assured that the government will not allow any mining activity in what has generally become known as the Cockpit Country.

I am anxious for us to establish geographically "what has generally become known as the Cockpit Country".

At the same time we want to explore the possibilities of making the Cockpit Country accessible for adventure tourism (hikes, horseback riding, bike trail, etc.) and possibly even cable cars.

I would want to have your views on these possibilities.

Yours sincerely,

A handwritten signature in blue ink, which appears to read 'Bruce Golding'.

Bruce Golding  
Prime Minister

Ms. Diana McCaulay  
Jamaica Environmental Advocacy Network  
On Behalf of the Cockpit Country Stakeholders Troup

See file  
2/10/07

...and in 2007 paid their first dividend.

Thanks to the tenacity of Danielle Andrade, Legal Officer for the Jamaica Environment Trust, we learned that the Mining Act (1947) doesn't give an absolute guarantee of power.

Since 2007, with the then-Prime Minister Hon. Bruce Golding expressing a commitment to "no mining", our efforts have been directed towards identifying the true boundary of Cockpit Country. In the next section, we show how the Homerus Swallowtail has aided in this effort.