Madagascar is the World’s 4th Largest Island. Many consider it the “Eighth continent.”
Madagascar is 38% larger than California!
Gondwana – circa 167 Million Years Ago

Map showing the position of Madagascar in relation to other continents during the Gondwana period.
Cretaceous period
145.5 - 65.5 million years ago

Madagascar
India
A Parallel World

- **K–T Extinctions came at the end of the Cretaceous Period, 65M years ago**
- **Madagascar was Disconnected from the Rest of the World at This Time**
- **Some organisms, like the Baobab Tree and the Nile Crocodile survived in both Africa and Madagascar**
- **But most plants and animals evolved independently in Madagascar. They are referred to today as Endemic species**
**Madagascar: A World of its Own**

- **10,000 – 12,000 Plant Species:** **80% Endemic**
- **300 Species of Reptiles:** **91% Endemic**
- **250 Species of Birds:** **46% Endemic**
- **178 Species of Amphibians:** **99% Endemic**
- **33 Species of Primates:** **100% Endemic**
- **1000 Species of Orchid:** **85% Endemic**
- **Entire Family “Didieraceae” Unique to Madagascar’s “Spiny Desert”**
FAMOUS ENDEMIC FLORA AND FAUNA

CHAMELEONS

BAOBABS

LEMURS
Common Brown Lemur
Common Brown Lemur Mated Pair with Infant
Common Brown Lemur
Sifaka Lemur
Ring-Tailed Lemur
MADAGASCAR WAS PEOPLED FROM BORNEO AND SOUTHERN AFRICA
PERMANENT SETTLEMENT CIRCA 600–700 AD
THE TRIBES OF MADAGASCAR
Madagascar Statistics

- **Population (2007):** 19.7 Million
- **Population Under 18 (2007):** 50%
- **Population Growth (1990–2007):** 2.9%
- **Urban Population Growth Rate:** 4%
- **Income per Capita (2007):** $320
- **HIV/AIDS total Infection Rate:** <0.1%
  [Nigeria=3.1%; South Africa 18.1%]
- **Adult Literacy Rate:** 71%
Hôtel La Varangue
View from the Haute-Ville
Beautiful Downtown Tana
Rice Fields Surround Tana
PADDY AND TAVY
Charcoal: The People's Fuel
Bleeding Madagascar
Quarrying Mud for Bricks

Brick Kiln
Brick Farmhouses
To Île Sainte-Marie
“Air Mad”
ROUGHING IT ON ÎLE SAINTE-MARIE
A Famadihana
L’ÉGLISE CATHOLIQUE
MY PERSONAL INTEREST IN ÎLE SAINTE-MARIE
The PIRATE Voyages of Otto Van Tuyl
1696 ~ 1698

AFRICA

PERSIA

INDIA

MADAGASCAR

INDIAN OCEAN
World of 17th Century Pirates on Île Sainte-Marie

Sainte-Marie Bay

Pirate Island
Pirate Settlement
Anchorage
Kidd Sunk
Ship Repair
Pirate Cemetery

On île Sainte-Marie...
THE “Pirate” CEMETERY
Today, the Île aux Forbans – “Pirate Island” – lies peacefully uninhabited, but for a watchman stationed there to chase away interlopers.

Local tradition has it that Pirates inhabited this island in the old days. Today it is Fady – taboo.

Many believe this is the place where Adam Baldridge of New York – a man who bought stolen goods from pirates in exchange for clothes, tools, rum, madiera, and gunpowder – built his famous fort.

It would have been the ideal spot for such a Pirate Entrepôt...
The pirogue taxi
By Pirogue to Pirate Island
Access shaft to underground tunnel
L'expédition de la treizième vendredi

...The Search for Aert Van Tuyl
[The Prosperous: Capt. Howard] steer’d for the Island of St. Mary, where they heel’d their Ship, water’d, wooded, and shipped some more Hands: Here they had an Invitation from one Ort Van Tyle, who liv’d on the Main of Madagascar, to come to the Ceremony of christening two of his Children; they were kindly received and treated by him, but it having been reported, that this Ort Van Tyle had murdered some Pyrates, they in Revenge, tho’ they had no Certainty of the Fact, took him Prisoner, plunder’d his House, and what Goods they could not take off in a great Canoe belonging to him, they threw into the River or burnt. Ort Van Tyle they design’d to carry on board, and hang at the Yard-Arm....
... but one of the Pyrates help’d him escape, and he took to the Woods, where meeting some of his Blacks, he way-laid his Canoe, and Howard’s Pinnace by the River-Side; besides what Goods they had on board of this Dutchman’s, they had several Women and Children belonging to him... The Pyrates set the Women to the Paddles, and the Canoe was over-set on the Bar; Ort Van Tyle fired on the Men, and shot one thro’ the Arm and thro’ the Thigh, whom with his Comrade, he took Prisoner, and kept with him: The rest of the Men got ashore on the South-Side of the River and escaped him; the Women on the North-Side, and returned home... When the Pinnace came down, he fir’d and shot the Captain thro’ the Arm, but he [escaped]...
Village

Howard’s Pinnacle

Prosperous at Anchor

Aert — vs — The Pirates

...A Possible Scenario
Village

Prosperous

Canoe

Women

Aert –vs– The Pirates
...A Possible Scenario

Aert & Co.

Pinnace

Pirates

Prosperous

At Anchor
SHRIMP COLLECTORS
TIGHT PASSAGE
ARRIVAL AT ANDRANGAZAHA

Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed
L’hôtel
Now Open               Now Closed

Washed away
Andrangazaha River
Walking to the new village
Andrangazaha Village

© 2009 Google Image © 2009 TerraMetrics
New Andrangazaha Village
A local family
Jackfruit
M. Barder: Village Elder
Back to the mouth of the river
VIEWING THE ANDRANGAZAHA BAR

Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

Image © 2009 TerraMetrics
THE ANDRANGAZAHA BAR
RETURN TO SAINTE-MARIE

- Resort
- Andrangazaha River
- Ivongo River

Ile Sainte-Marie
EXPEDITION FINDINGS

• AS SUSPECTED, THERE HAS BEEN A VILLAGE ON THE ANDRANGAZAHA PENINSULA FOR AT LEAST 200 YEARS

• NO LOCALS RECALL THE LOCAL HISTORY

• ANDRANGAZAHA FITS DEFOE’S DESCRIPTION

• NO OTHER PLACE FITS THE DESCRIPTION

• BUT STILL, THERE IS NO CONCLUSIVE PROOF THAT THIS WAS THE PLACE
Visit Madagascar?

- It’s unique
- It’s beautiful
- It’s safe
- It’s fascinating
- It’s welcoming
- It’s a long journey to get there
- But well worth the travail