

UN VOYAGE À MADAGASCAR

RORY VAN TUYL
NOVEMBRE, 2009



**MADAGASCAR IS THE WORLD'S 4TH LARGEST ISLAND
MANY CONSIDER IT THE "EIGHTH CONTINENT"**



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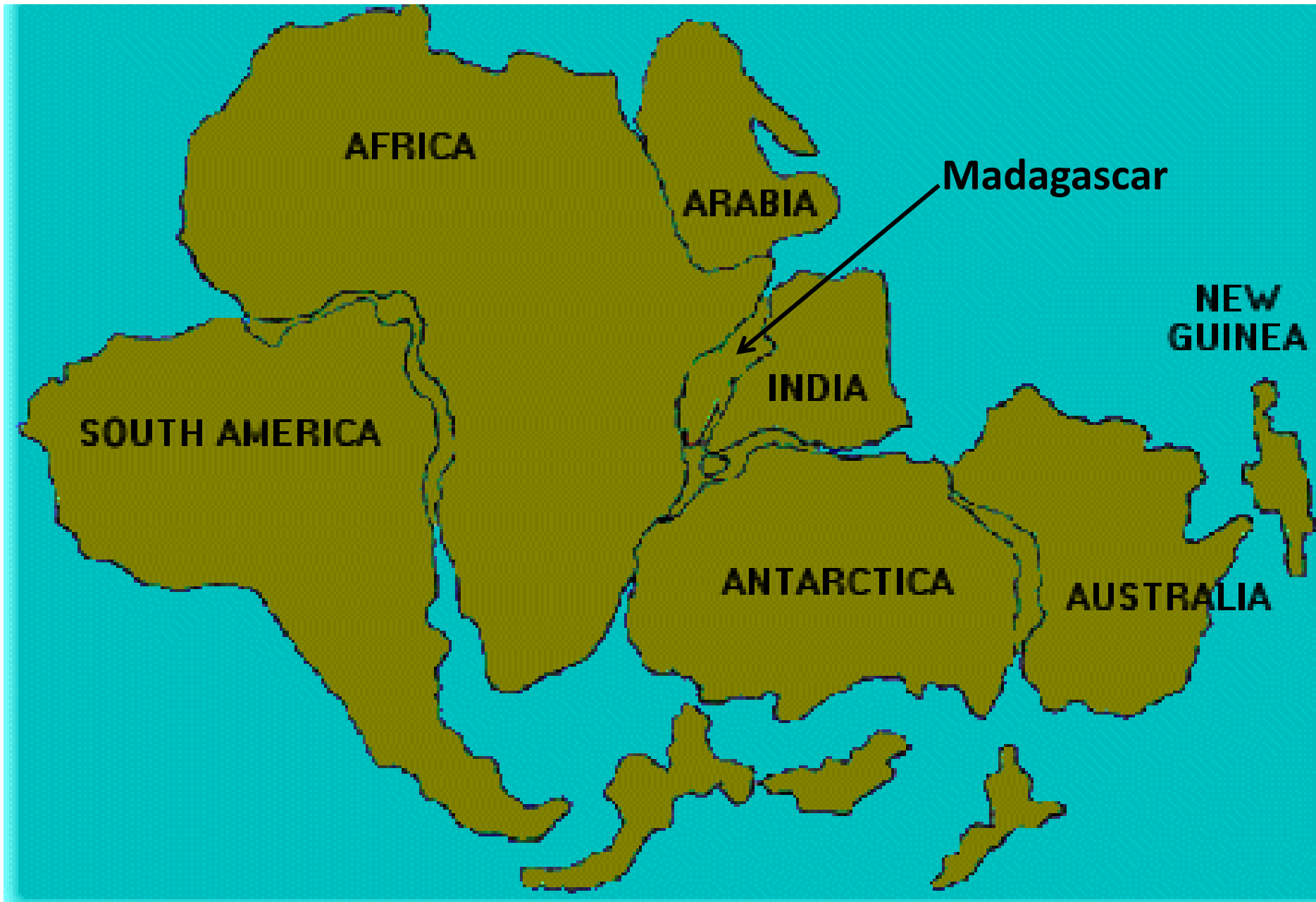
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Eve all

MADAGASCAR IS 38% LARGER THAN CALIFORNIA!

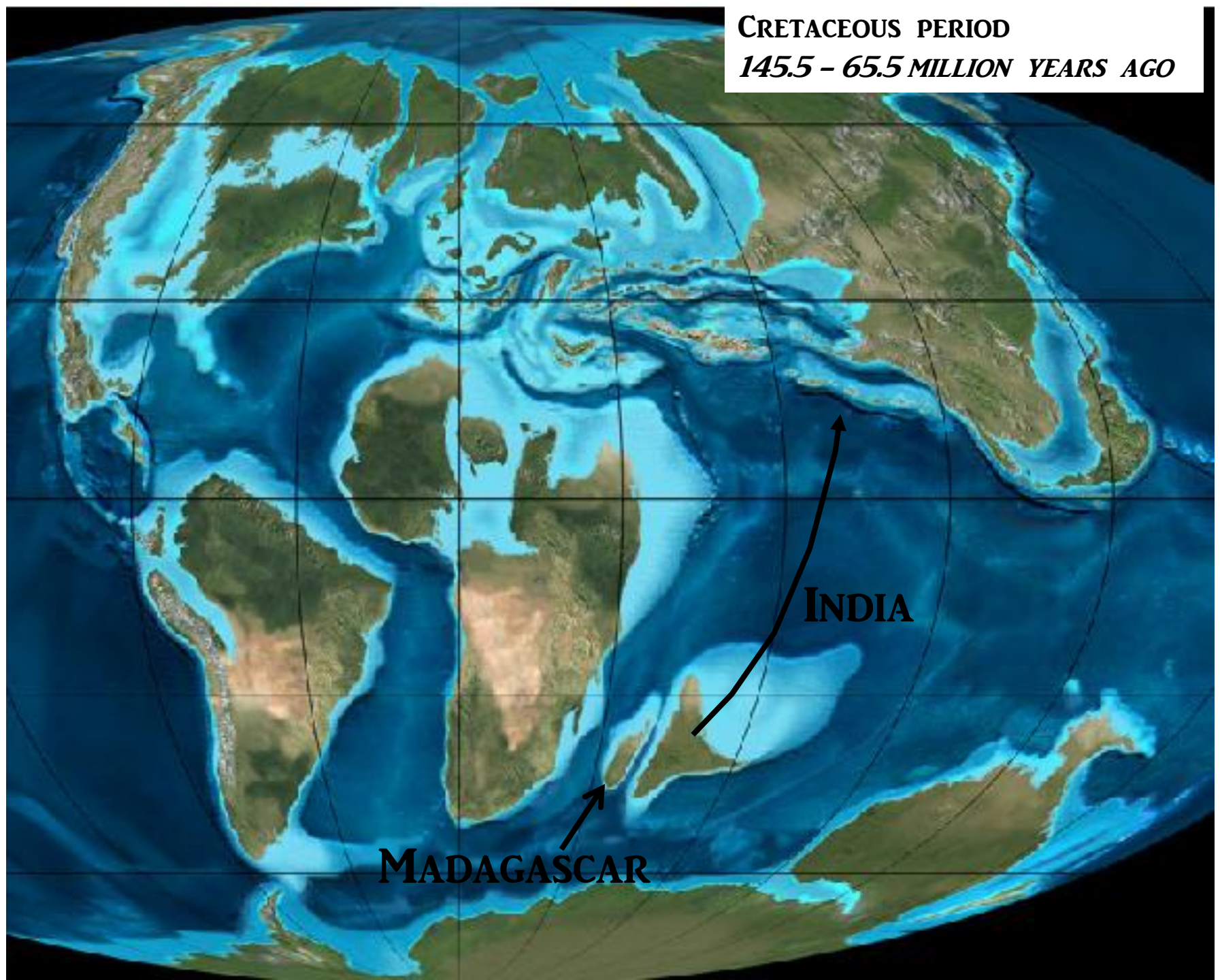


GONDWANA - CIRCA 167 MILLION YEARS AGO



CRETACEOUS PERIOD

145.5 – 65.5 MILLION YEARS AGO



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

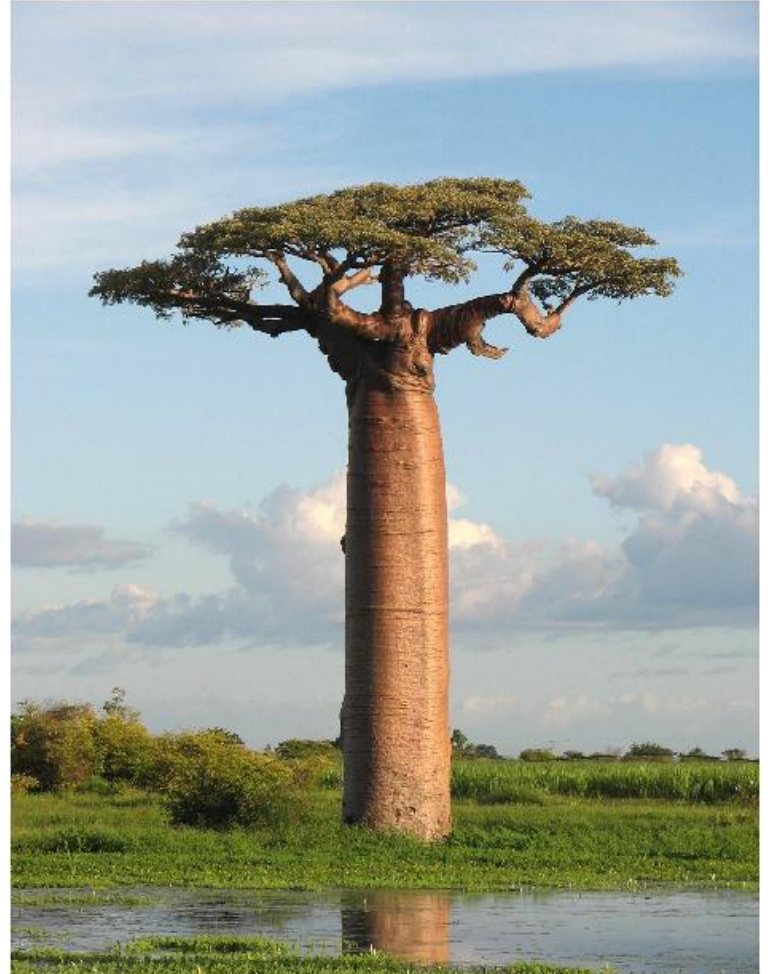
CHAMELEONS



LEMURS



BAOBABS



COMMON BROWN LEMUR



COMMON BROWN LEMUR MATED PAIR WITH INFANT





COMMON BROWN LEMUR

SIFAKA LEMUR



RING-TAILED LEMUR



EUPHORBIA



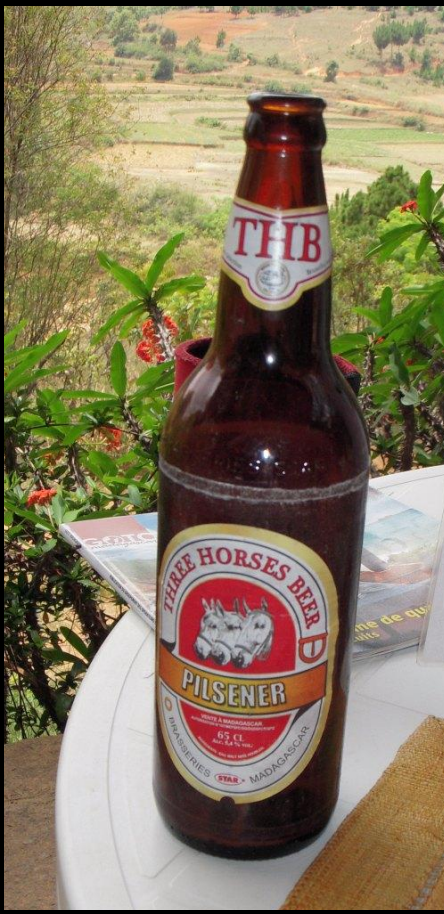
DWARF BAOBAB



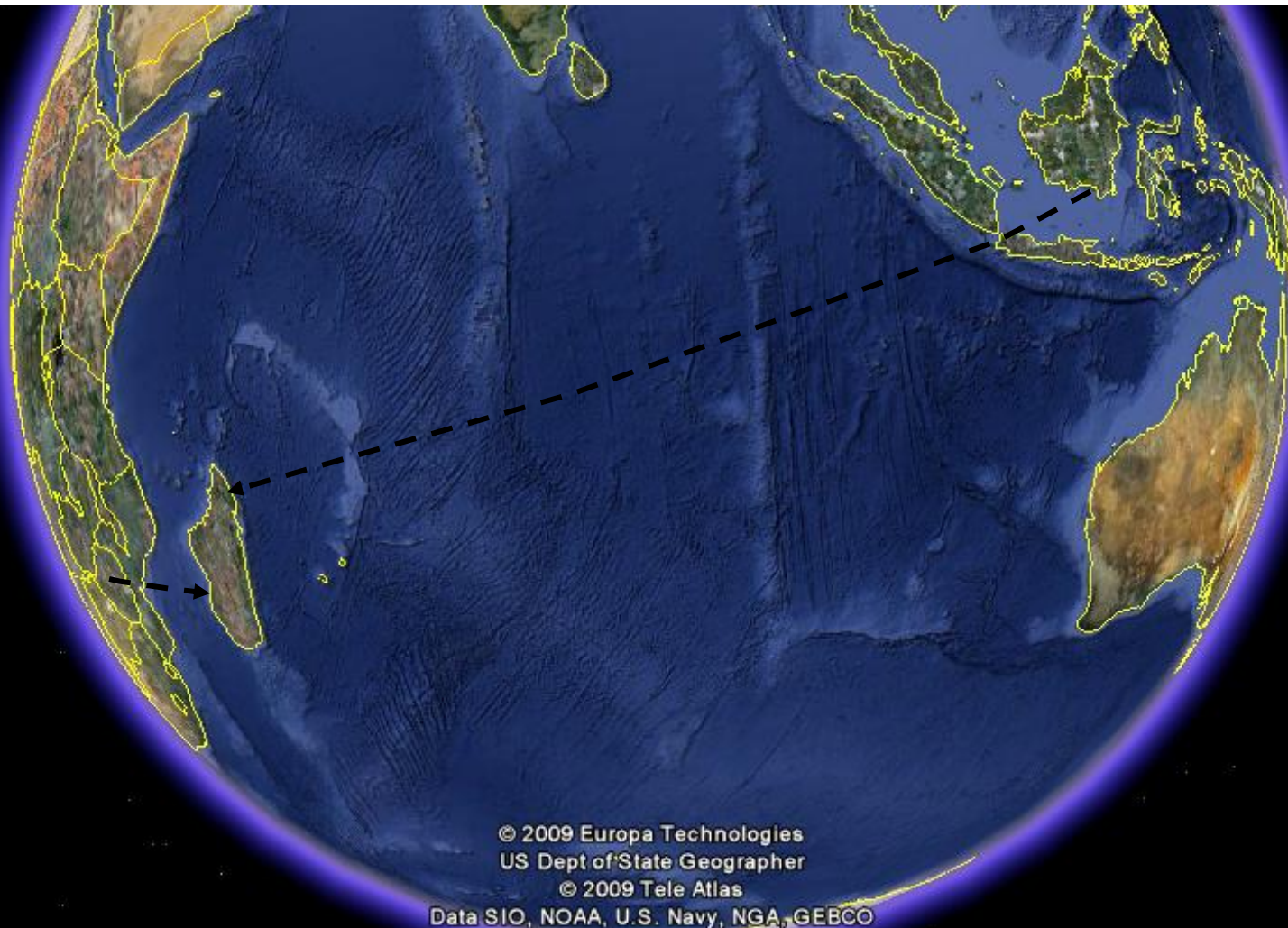
DIDERACIA



WHITE-CROWNED CURMDGEON



**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%**

FROM PARIS

Ile Sainte-marie

Tamatave

Antananarivo

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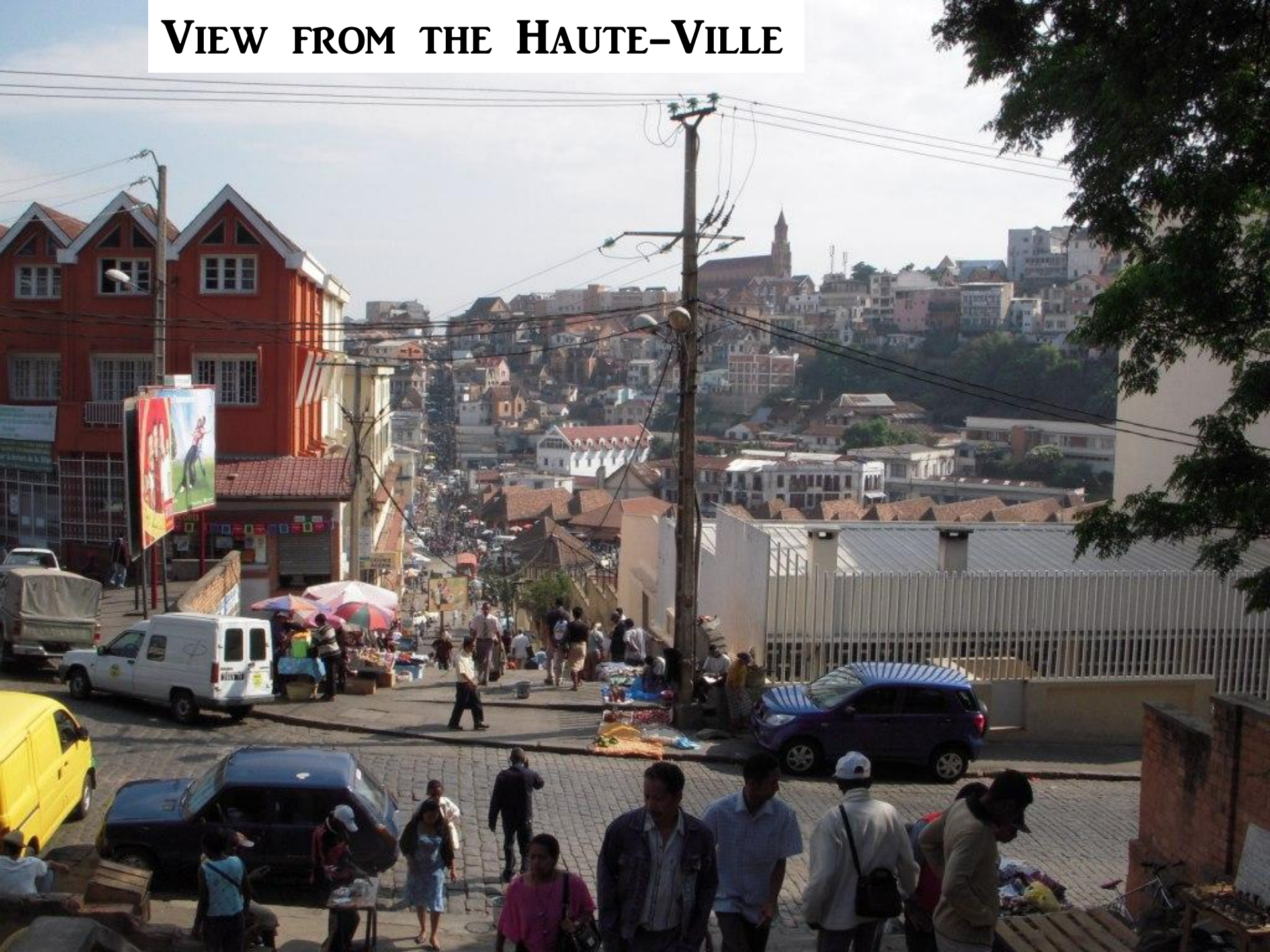
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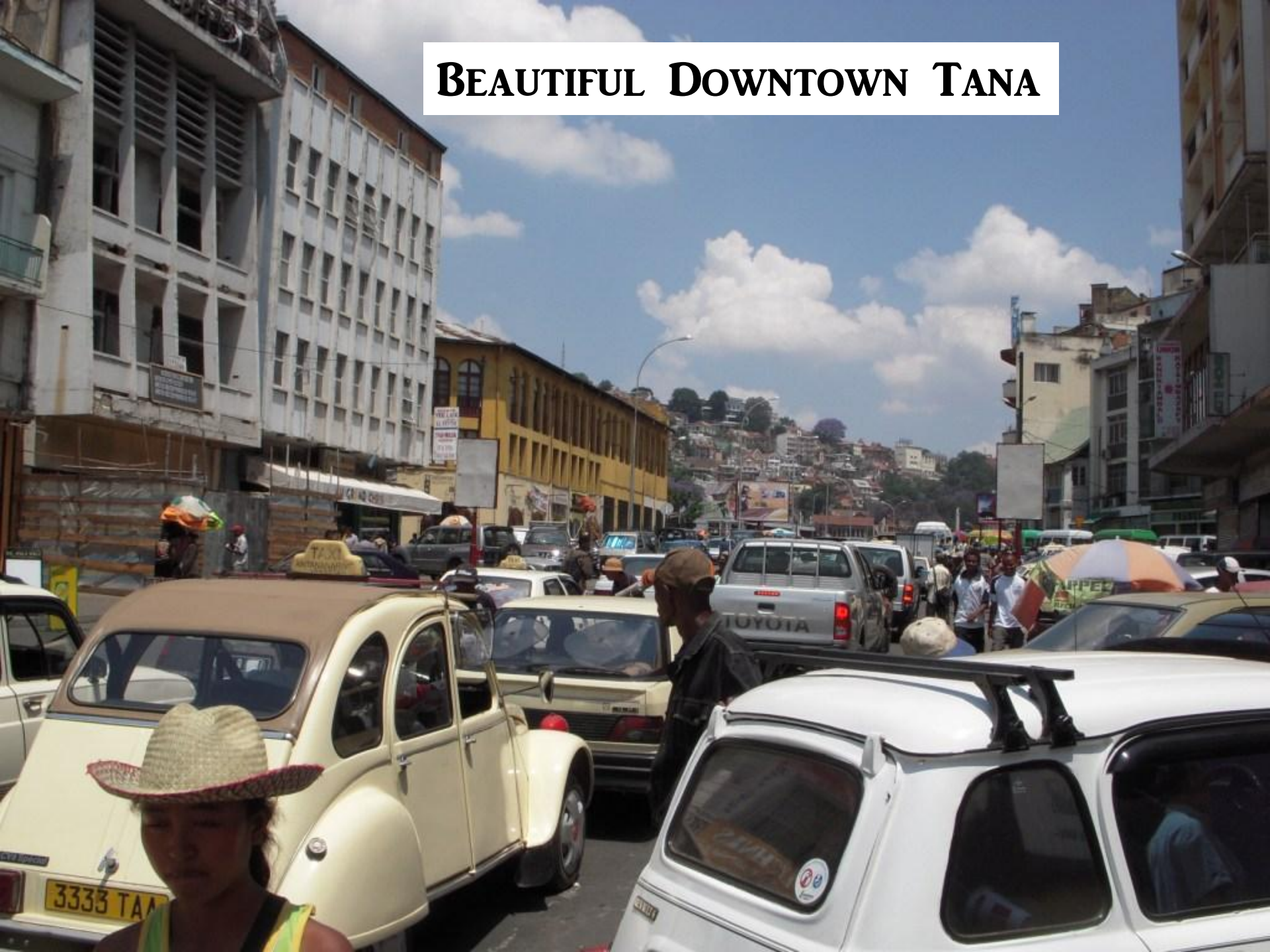
HÔTEL LA VARANGUE



VIEW FROM THE HAUTE-VILLE



BEAUTIFUL DOWNTOWN TANA



THE CITY MARKET







SAUCISSE SPECIAL
A L'AIL
6000/kg

SAUCISSE SPECIAL
A L'AIL + POIVRE VERD
6000/kg

COCKTAIL
6000/kg

SAUCISSE AU POULET
6000/kg 30000/kg



RICE FIELDS SURROUND TANA



PADDY AND TAVY



CHARCOAL: THE PEOPLE'S FUEL

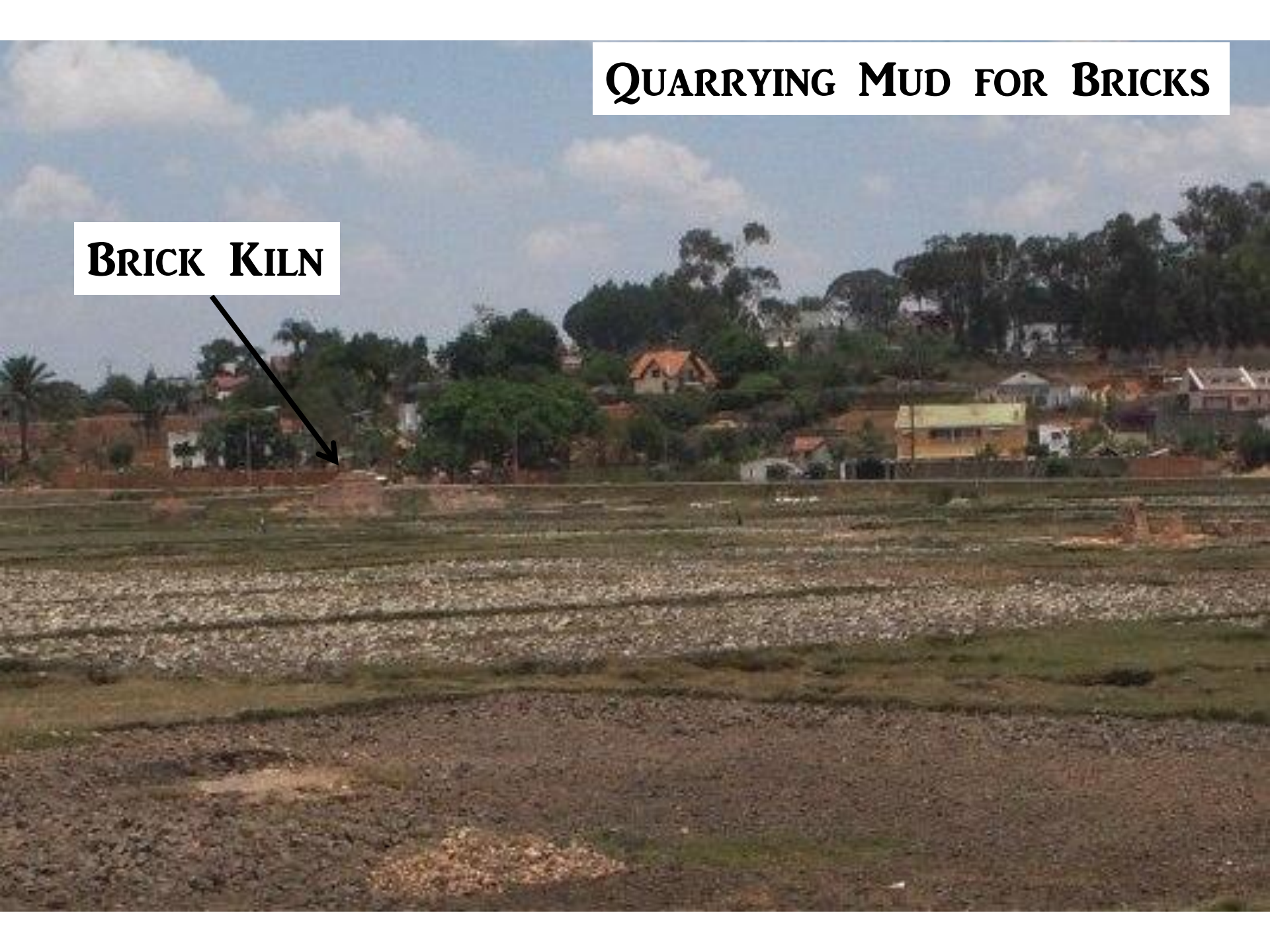


BLEEDING MADAGASCAR



QUARRYING MUD FOR BRICKS

BRICK KILN



A BRICKYARD



BRICK FARMHOUSES



TO ÎLE SAINTE-MARIE

Ile Sainte-marie

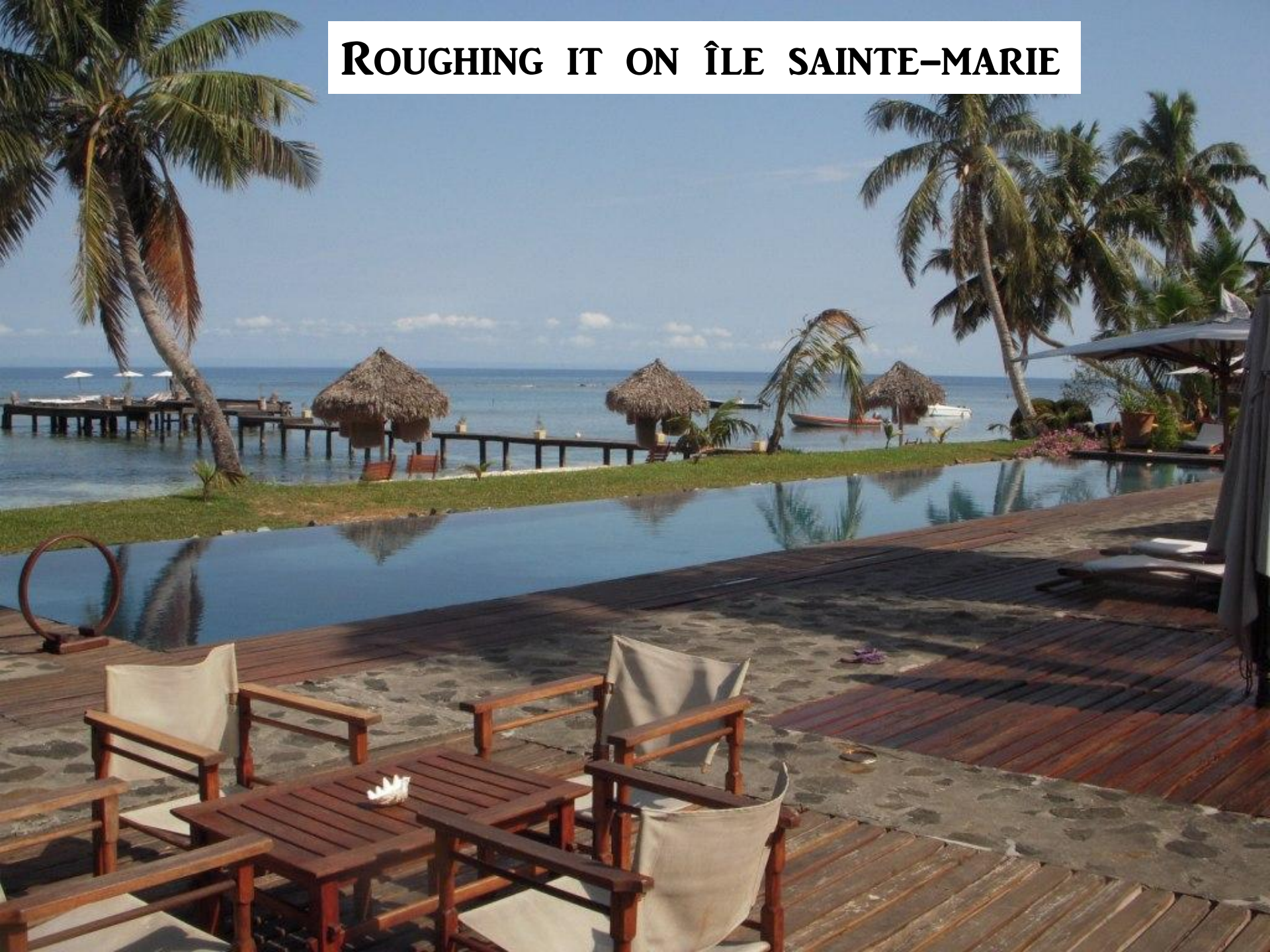
Tamatave

Antananarivo

“AIR MAD”



ROUGHING IT ON ÎLE SAINTE-MARIE



THE ZEBU









DU LUNDI
AU SAMEDI
8^h00 à 12^h00
14^h00 à 17^h00



TARIFS		
Adult	Child	Senior
1000	500	1500

WOMEN'S POLICE ACCOMPANY
ATM SECURITY IS AVAILABLE
ONE AND AN XT IN SERVICE
ON WINTER VISIT
-A WOMEN'S POLICE YOU IN
ORDER TO ABOUT ONE AND BEING
OF THE ANIMALS AND THE QUALITY
OF YOUR VISITS



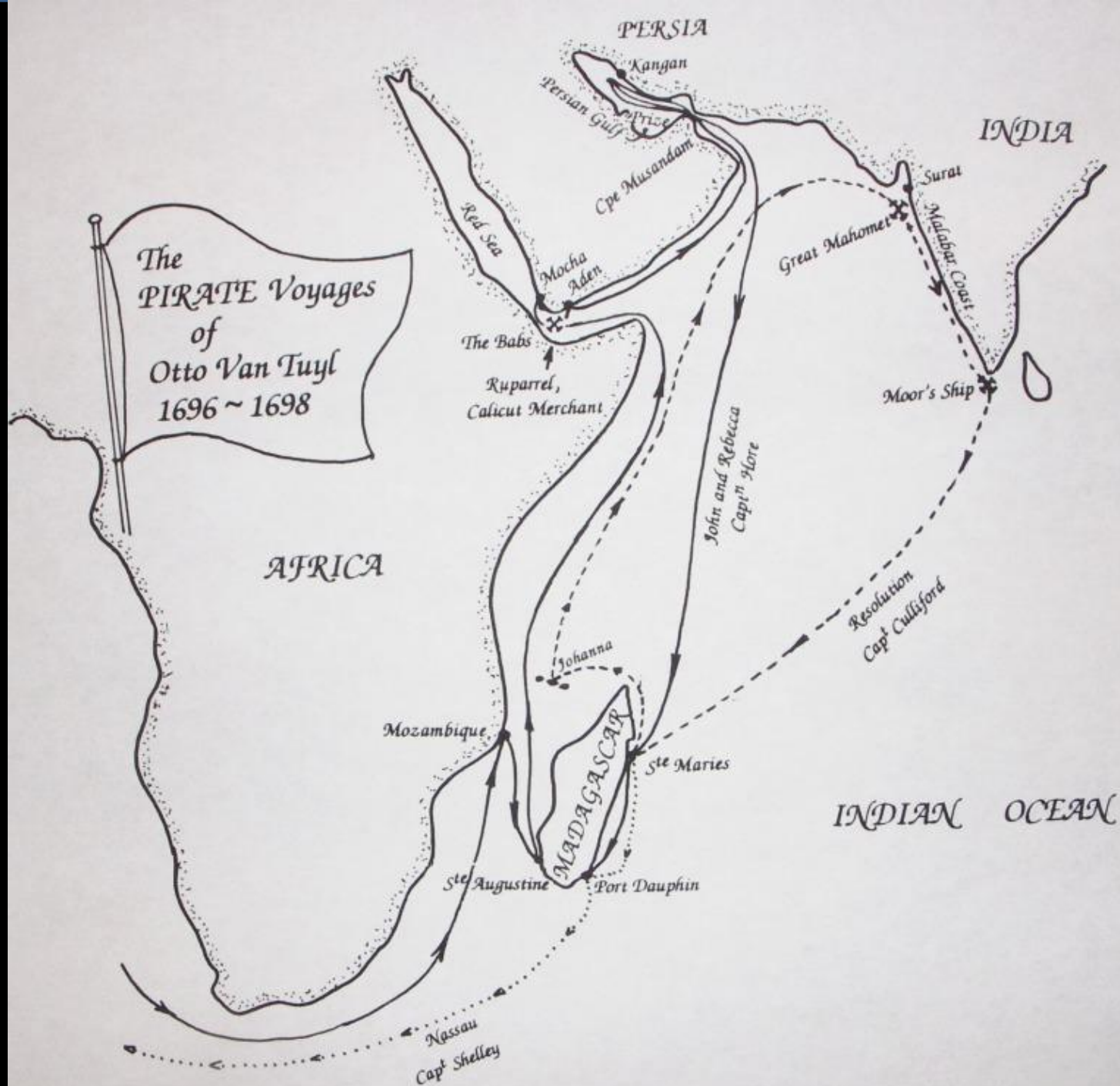
A FAMADIHANA



L'EGLISE CATHOLIQUE



**MY PERSONAL INTEREST
IN ÎLE SAINTE-MARIE**

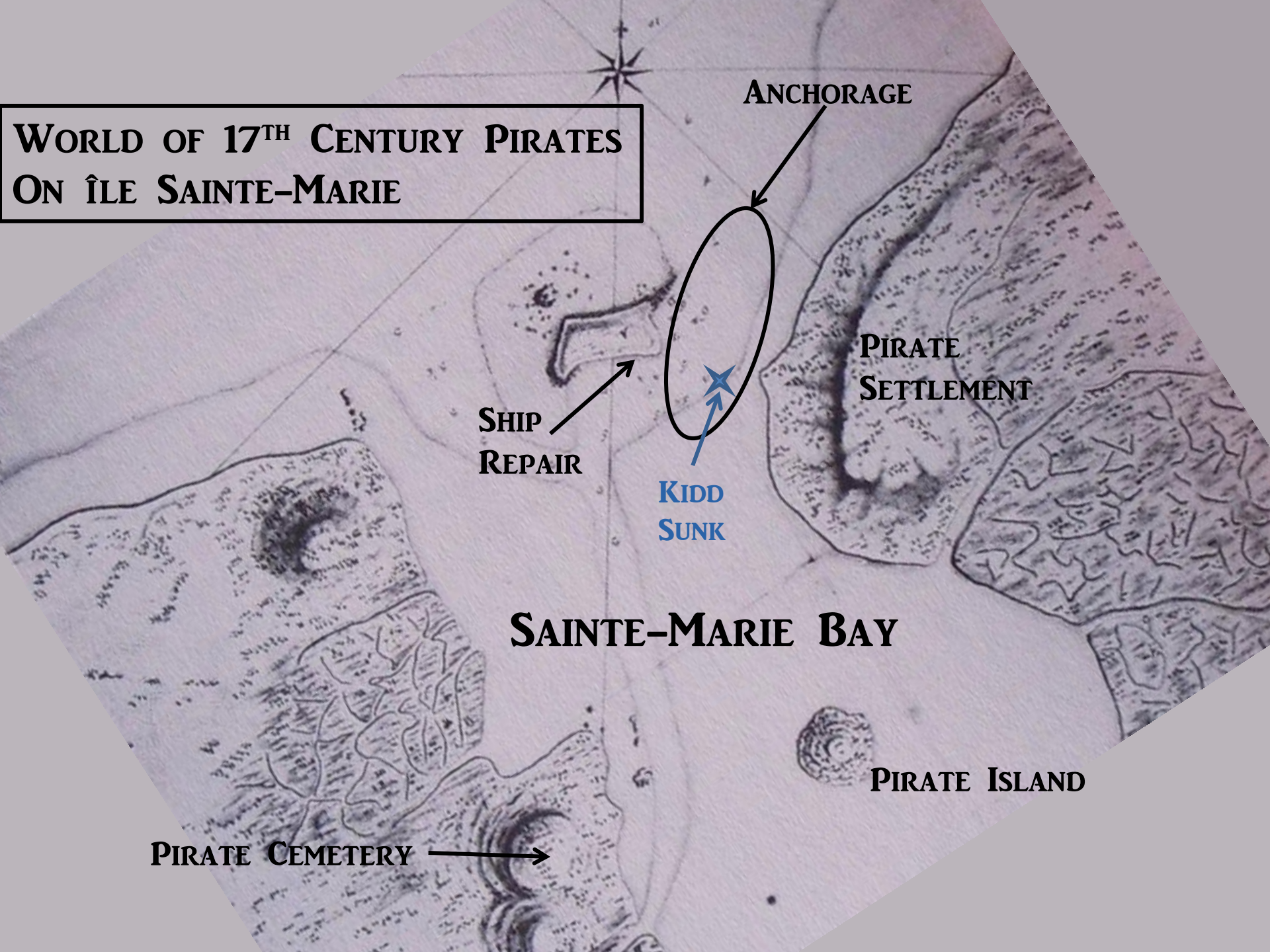




ILE SAINTE MARIE

SAINTE-MARIE BAY

WORLD OF 17TH CENTURY PIRATES ON ÎLE SAINTE-MARIE



ANCHORAGE

SHIP
REPAIR

KIDD
SUNK

PIRATE
SETTLEMENT

SAINTE-MARIE BAY

PIRATE ISLAND

PIRATE CEMETERY

GREGOIRE THE GUIDE



COMMUNE URBAINE DE SAINTE-MARIE
CIMETIERE ^{des} PIRATES
← à 150M

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...



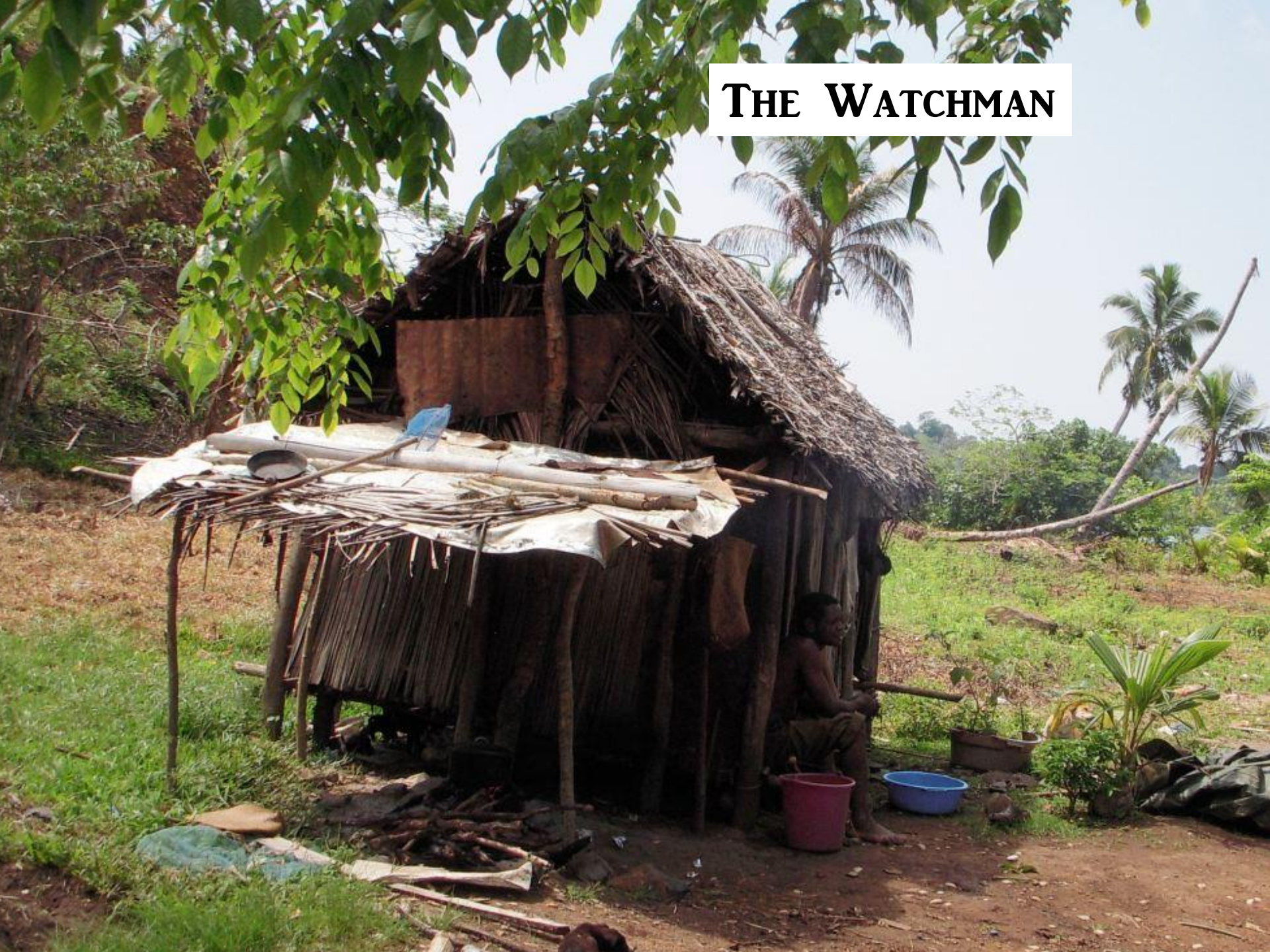
THE PIROGUE TAXI



BY PIROGUE TO PIRATE ISLAND



THE WATCHMAN



PROSPECT FROM TOP OF PIRATE ISLAND



ACCESS SHAFT TO UNDERGROUND TUNNEL



The background of the slide is a photograph of a vast body of water, likely a lake or a wide river. The water is a deep blue-green color with small, choppy waves. In the distance, a thin strip of land with some trees and vegetation is visible. Beyond that, a range of low, rolling mountains or hills stretches across the horizon. The sky is filled with large, white and grey clouds, suggesting an overcast day.

L'EXPÉDITION DE LA TREIZIÈME VENDREDI

...THE SEARCH FOR AERT VAN TUYL

DEFOE

DANIEL DEFOE

A GENERAL HISTORY OF
THE PYRATES



EDITED BY MANUEL SCHONHORN

A GENERAL HISTORY OF
THE PYRATES

Dover
0-486-40488-9



[*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]...

AERT -VS- THE PIRATES
...A POSSIBLE SCENARIO

VILLAGE

HOWARD'S PINNACE

*PROSPEROUS
AT ANCHOR*

© 2009 Google

Image © 2009 TerraMetrics

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16°52'22.75" S 49°41'27.44" E elev 0 m

Eye alt 3

**AERT -VS- THE PIRATES
...A POSSIBLE SCENARIO**



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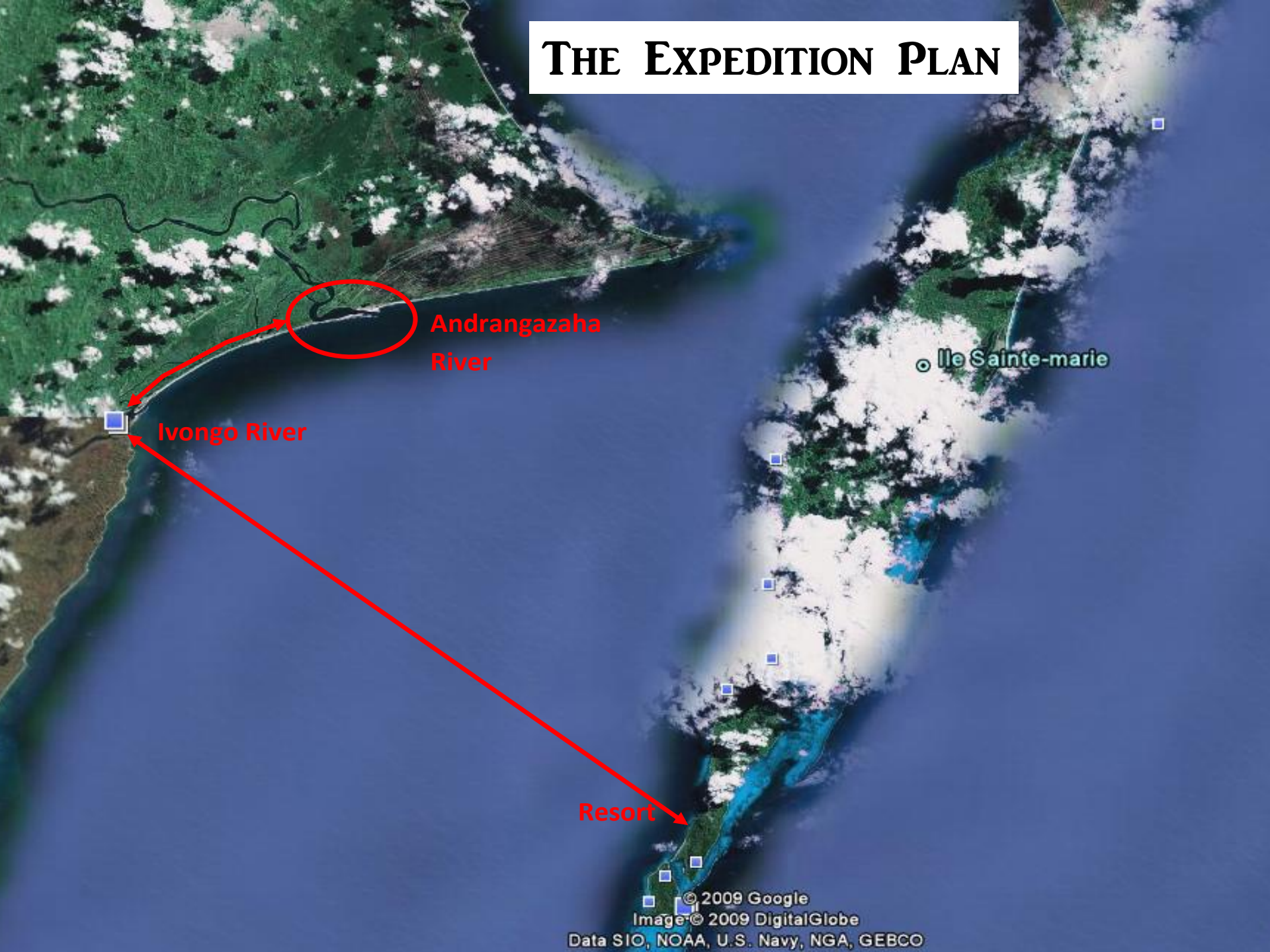
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16°52'22.75" S 49°41'27.44" E elev 0 m

Eye alt 3

THE EXPEDITION PLAN



Andrangazaha
River

Ivongo River

Ile Sainte-marie

Resort

THE EXPLORERS







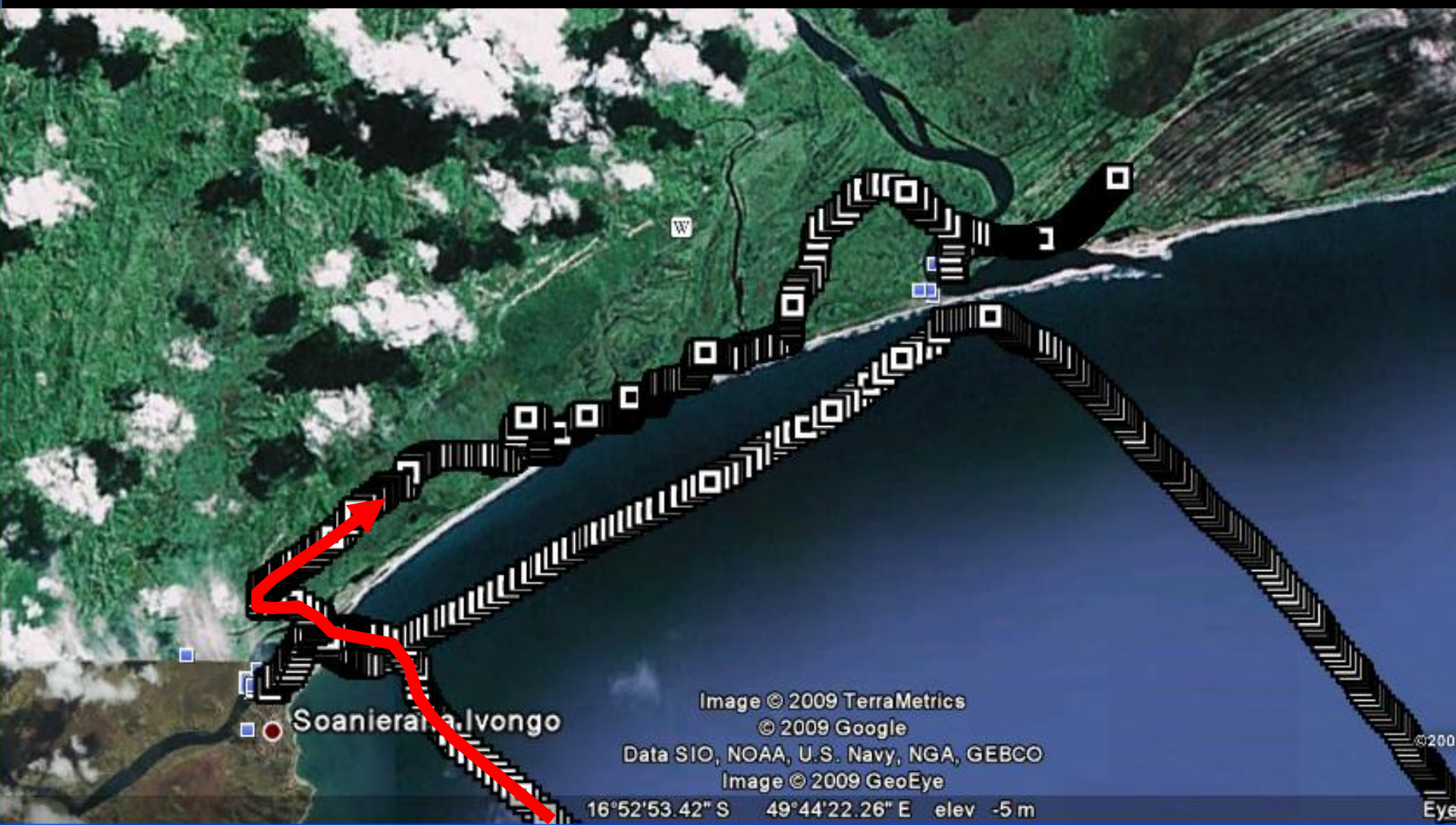


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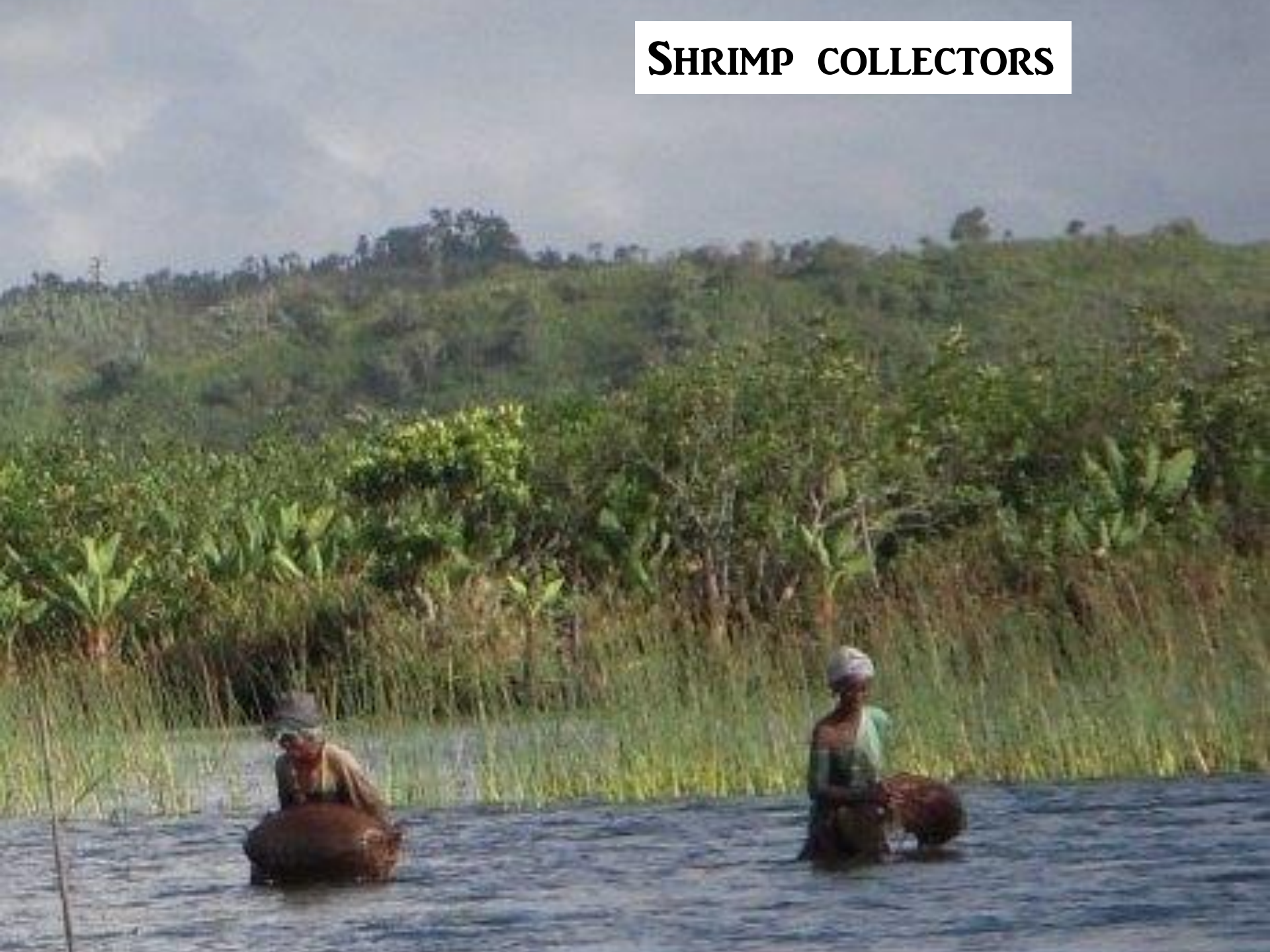
16°52'53.42" S 49°44'22.26" E elev -5 m

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Eye



SHRIMP COLLECTORS



SHRIMP COLLECTOR

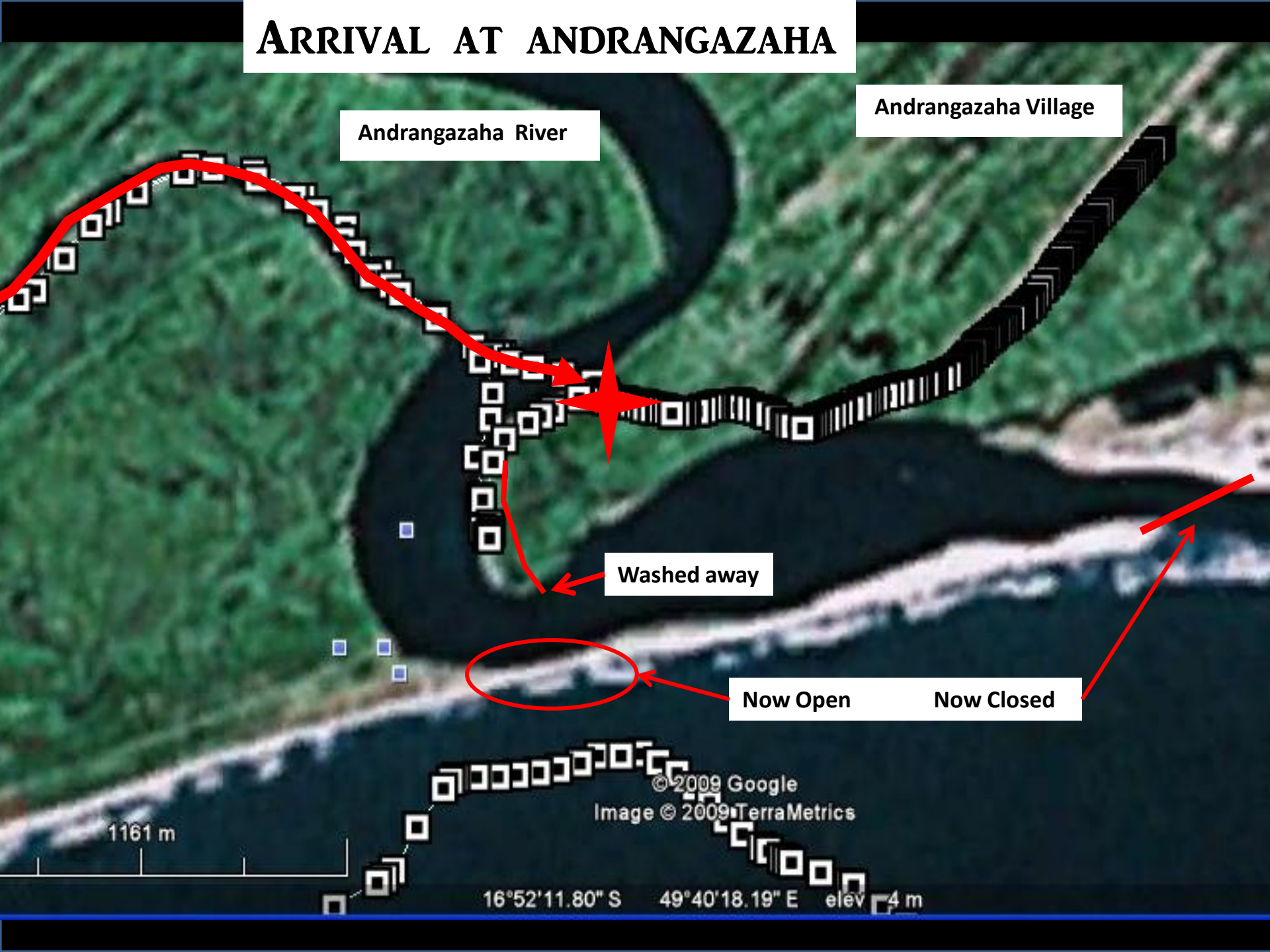




TIGHT PASSAGE



ARRIVAL AT ANDRANGAZAHA



Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

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Image © 2009 TerraMetrics

16°52'11.80" S 49°40'18.19" E elev 4 m

L'HÔTEL

HOTEL
ZAKIA
Musul Man
Andranazaha
Boissons Glacées
Bunelaw



“LA PROPRIETRESSE”



WALKING TO THE NEW VILLAGE

Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

© 2009 Google
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16°52'11.80" S 49°40'18.19" E elev 4 m

WALKING TO THE NEW VILLAGE

Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

© 2009 Google
Image © 2009 TerraMetrics

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Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

© 2009 Google
Image © 2009 TerraMetrics

16°52'11.80" S 49°40'18.19" E elev 4 m

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Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

© 2009 Google
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Andrangazaha Village

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Andrangazaha Village

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Now Open

Now Closed

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Image © 2009 TerraMetrics

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WALKING TO THE NEW VILLAGE

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Andrangazaha Village

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Now Open

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Image © 2009 TerraMetrics

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WALKING TO THE NEW VILLAGE

Andrangazaha River

Andrangazaha Village

Washed away

Now Open

Now Closed

1161 m

© 2009 Google
Image © 2009 TerraMetrics

16°52'11.80" S 49°40'18.19" E elev 4 m

NEW ANDRANGAZAHA VILLAGE



A LOCAL FAMILY





LICHEE

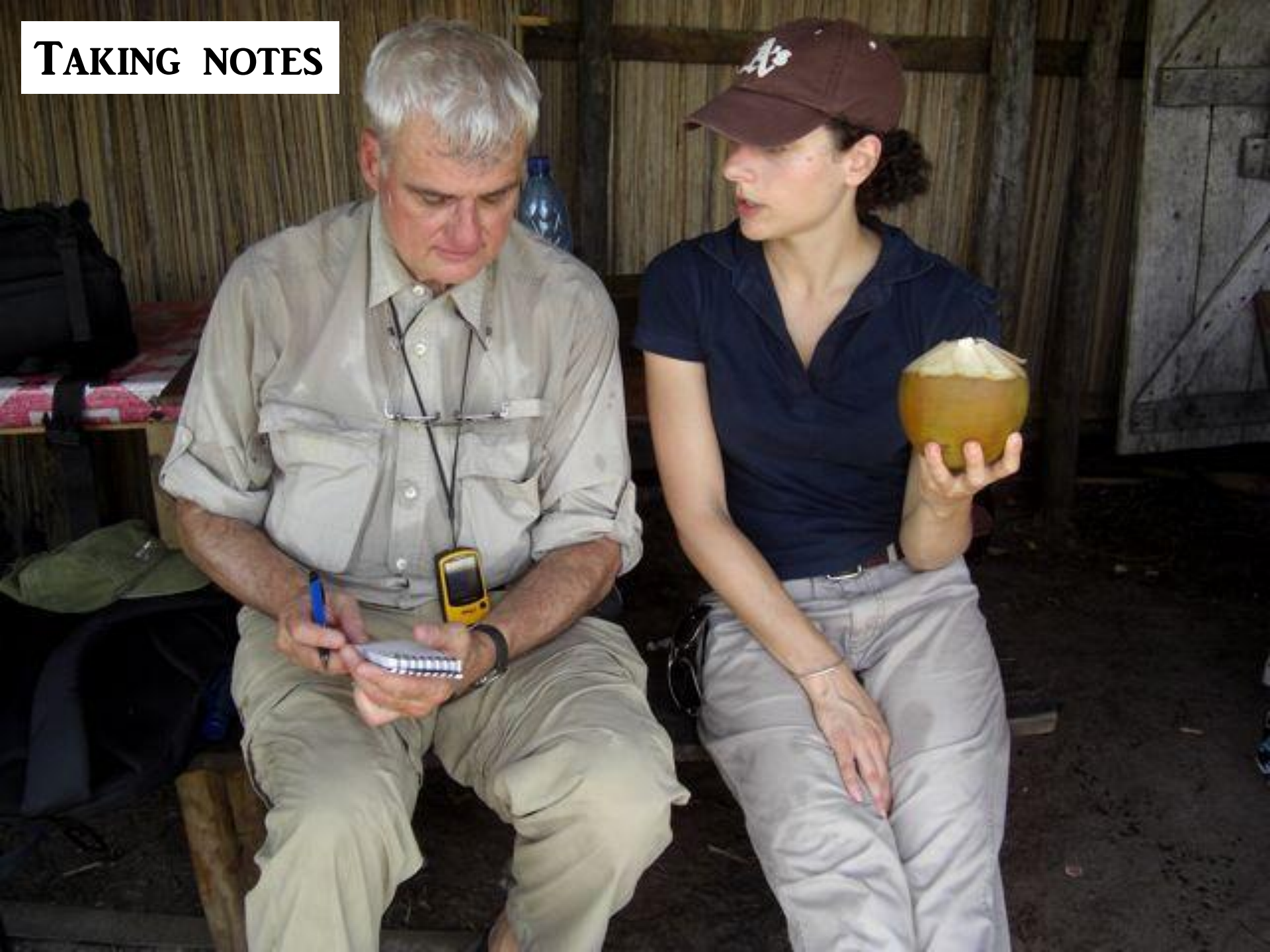
JACKFRUIT



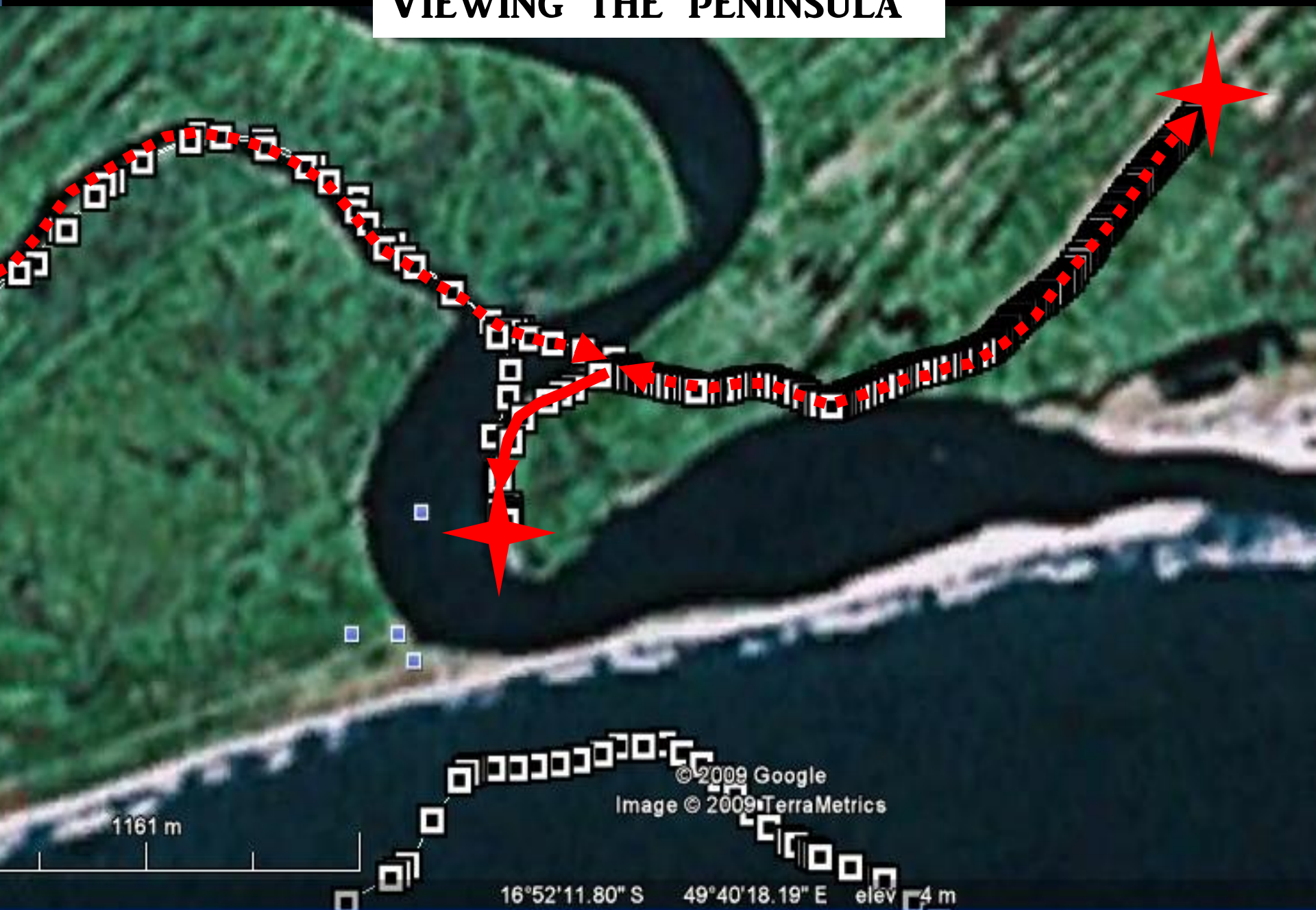
M. BARDER: VILLAGE ELDER



TAKING NOTES



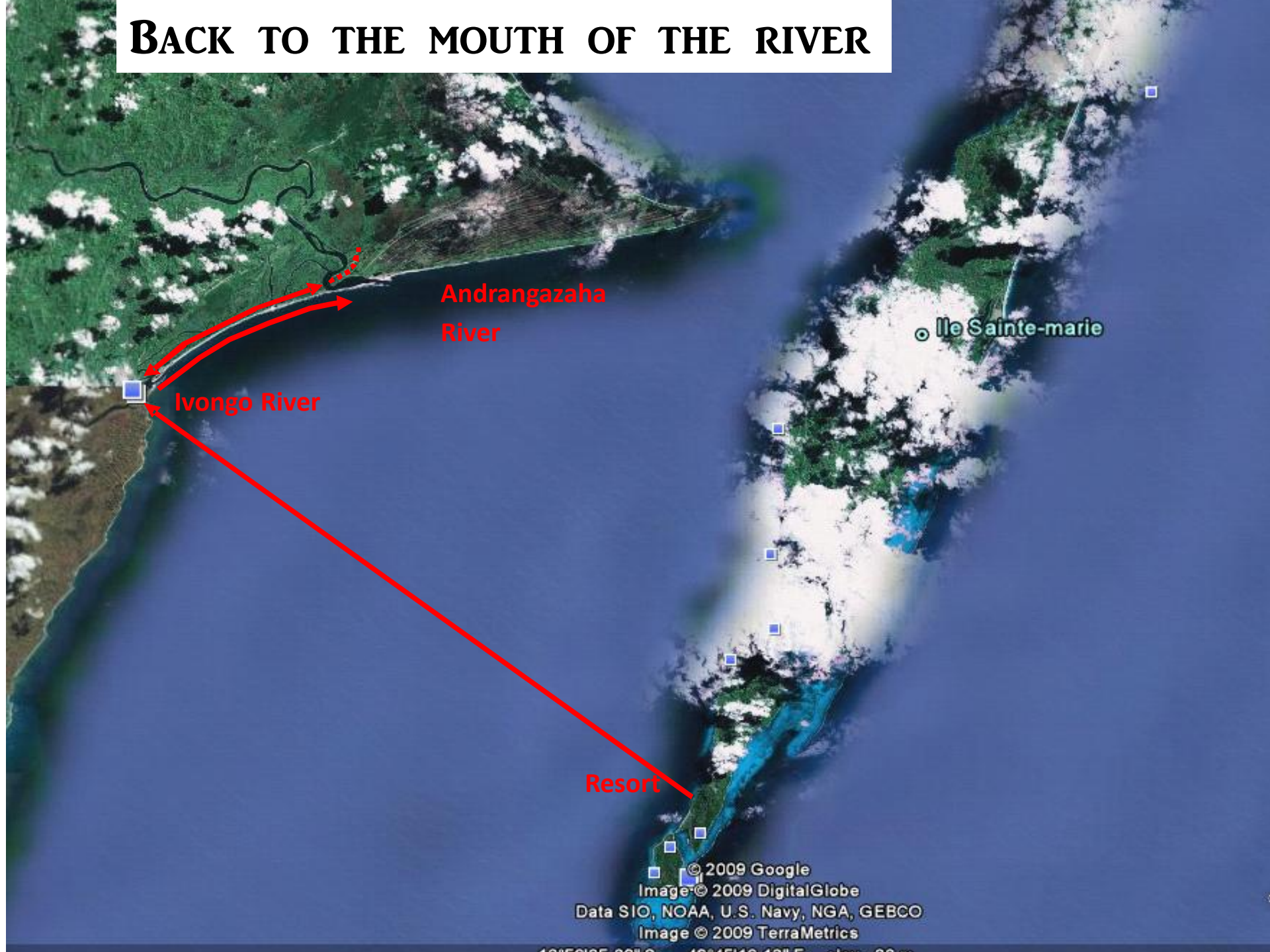
VIEWING THE PENINSULA



WASHOUT AT THE OLD VILLAGE



BACK TO THE MOUTH OF THE RIVER



Andrangazaha
River

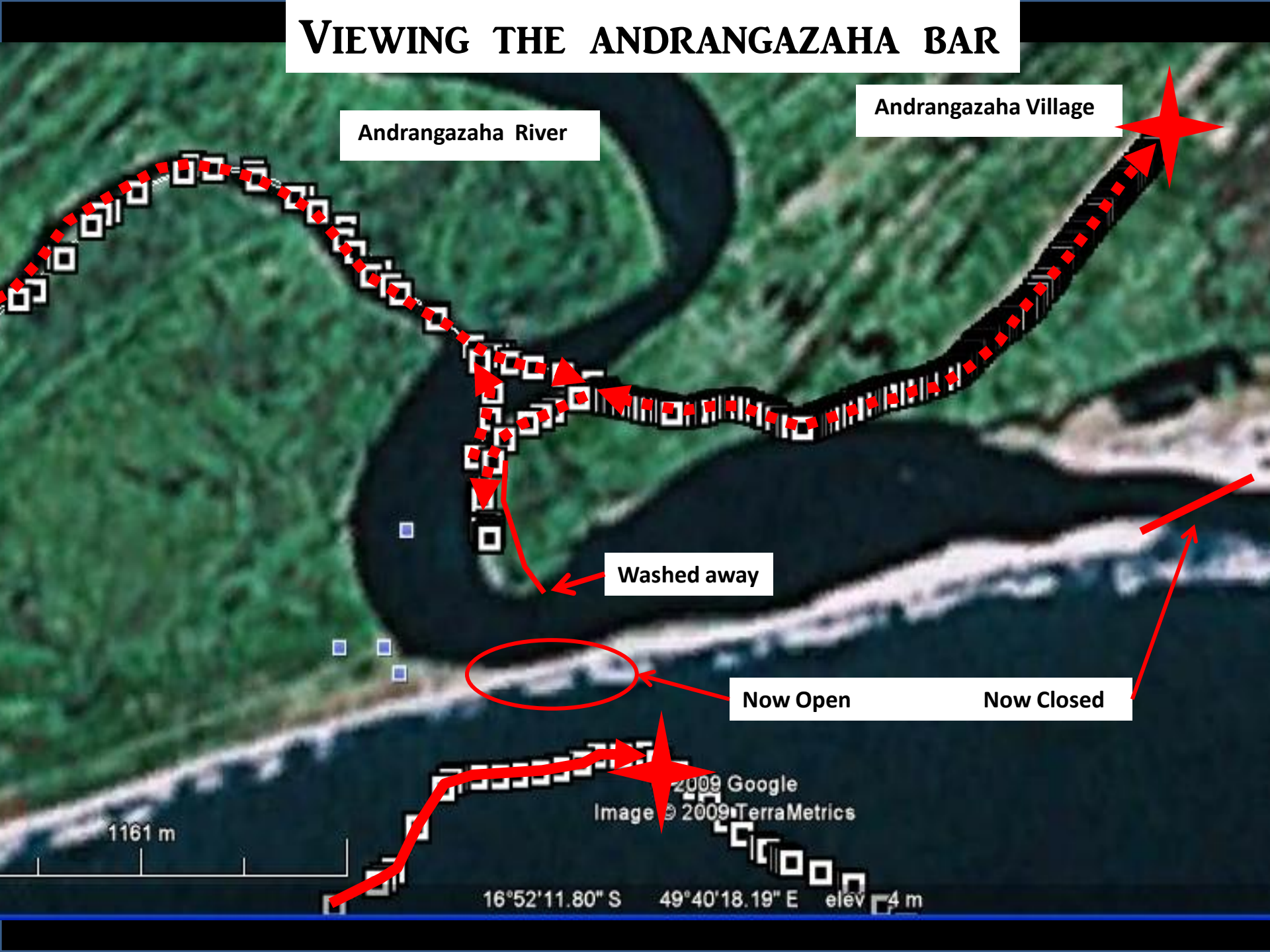
Ivongo River

Ile Sainte-marie

Resort

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VIEWING THE ANDRANGAZAHA BAR



Andrangazaha River

Andrangazaha Village

Washed away

Now Open

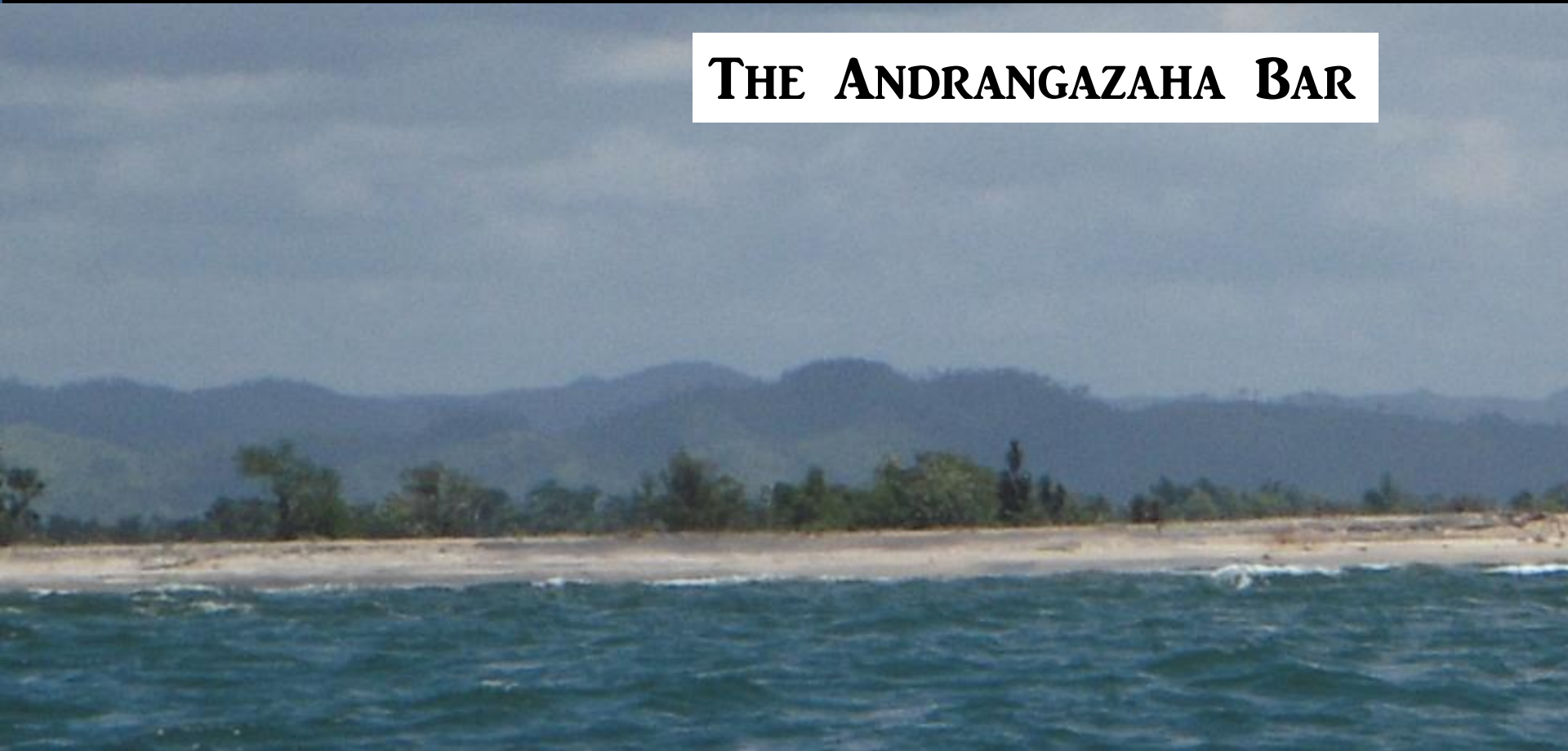
Now Closed

1161 m

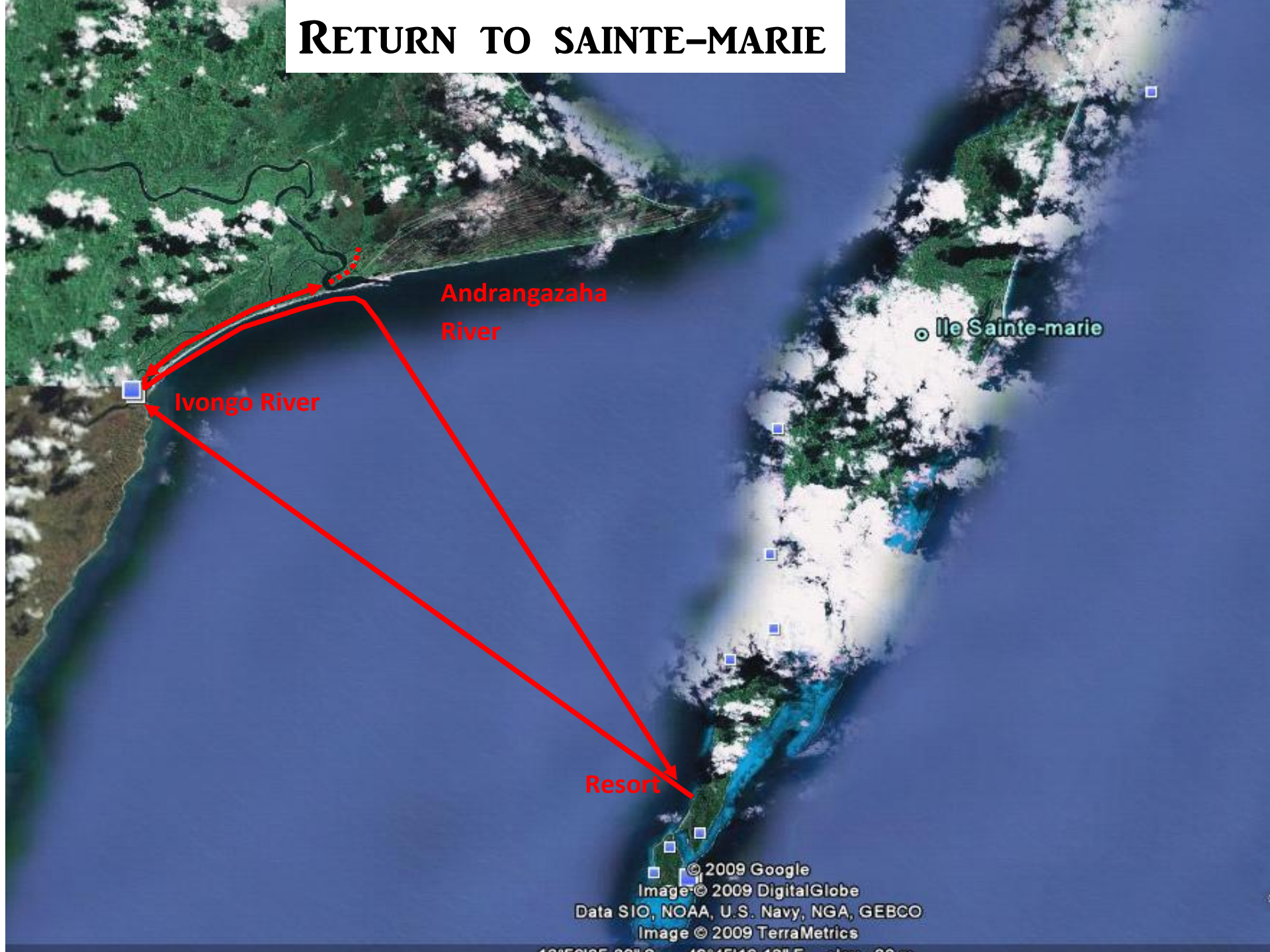
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16°52'11.80" S 49°40'18.19" E elev 4 m

THE ANDRANGAZAHA BAR



RETURN TO SAINTE-MARIE



Andrangazaha
River

Ivongo River

Ile Sainte-marie

Resort

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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**

