

Introduced scale insect threatens Caribbean Pine Forests in the Turks & Caicos Islands

Background and Introduction

Bryan Naqqi Manco

Senior Conservation Officer

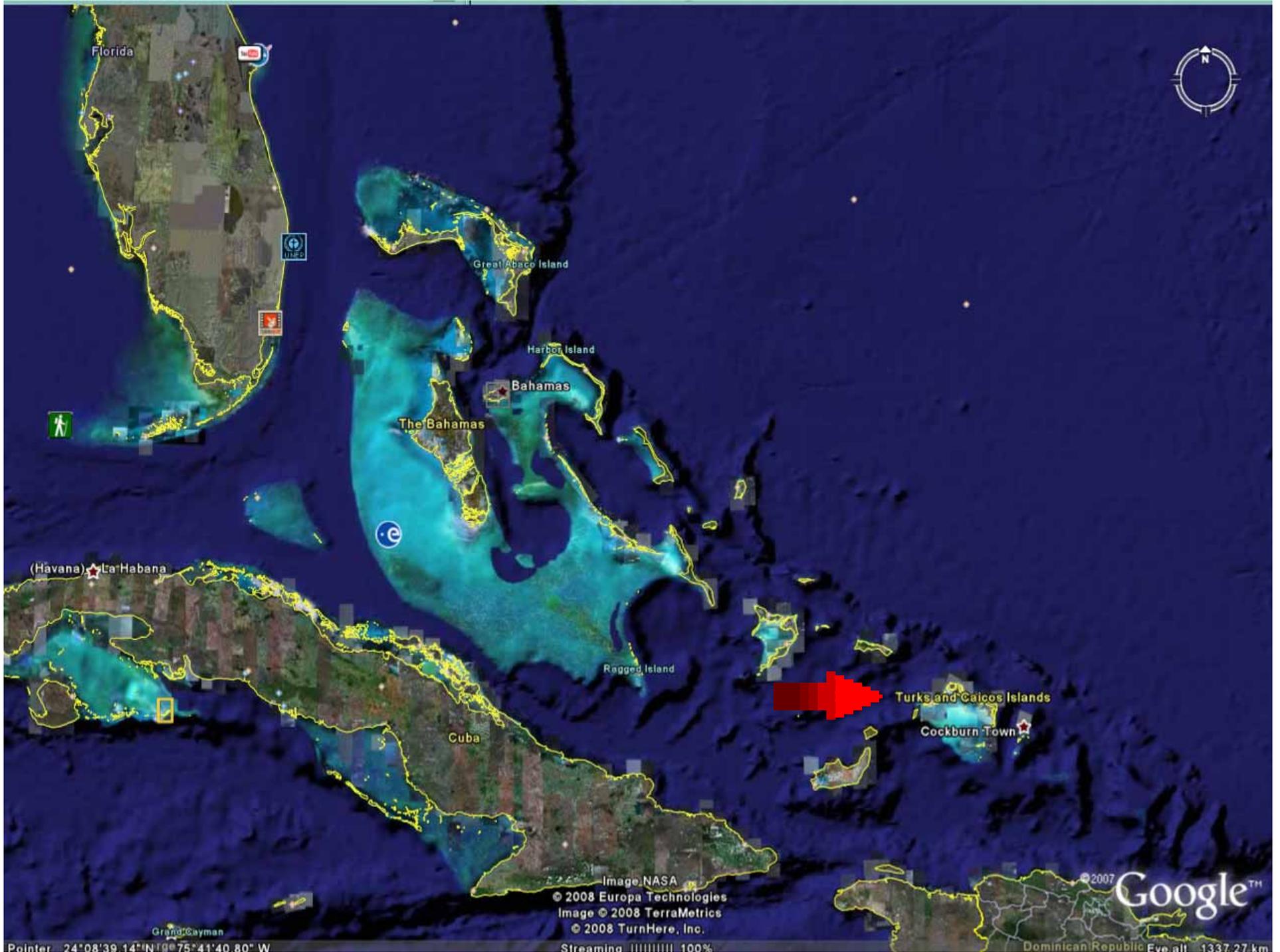
Turks & Caicos National Trust



**Caribbean Pine Distribution
In Bahamas:**
Grand Bahama, Abaco,
Andros, & New Providence

**Caribbean Pine Distribution
In TCI:**
Pine Cay, North Caicos,
& Middle Caicos





Pointer: 24°08'39.14"N 90°75'41.40.80"W

Image © NASA
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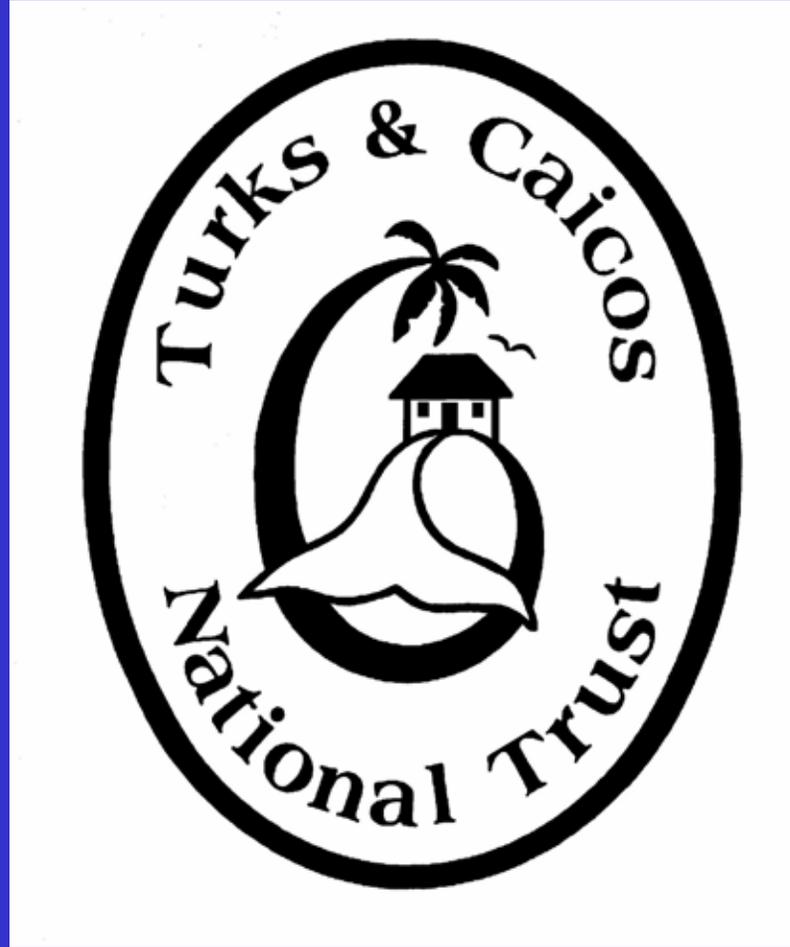
Streaming: 100%

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Dominican Republic Eye alt: 1337.27 km







The Turks & Caicos National Trust was established to safeguard the natural, cultural, and historical heritage of the Turks & Caicos Islands for present and future generations and the enjoyment of all.

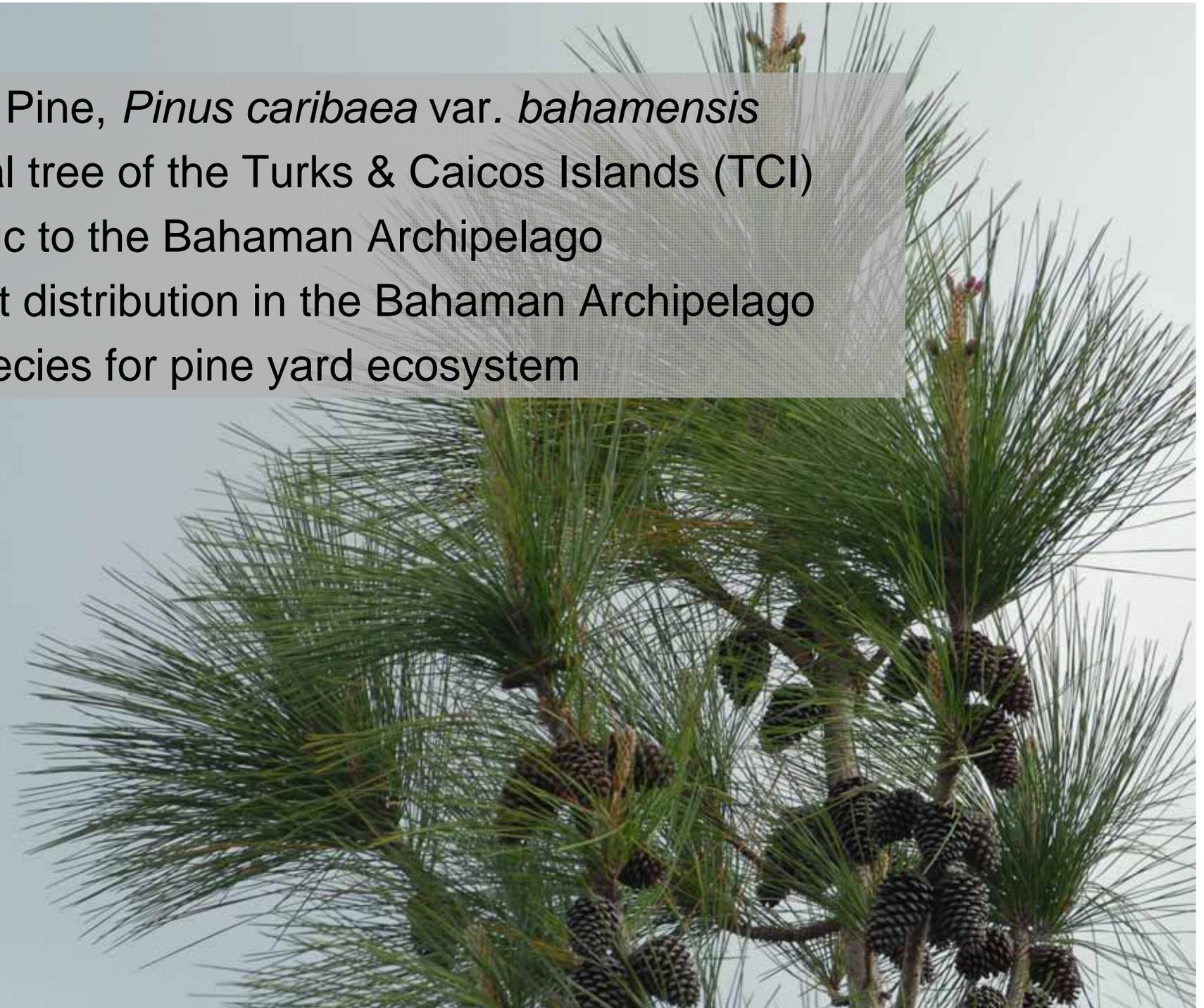
Caribbean Pine, *Pinus caribaea* var. *bahamensis*

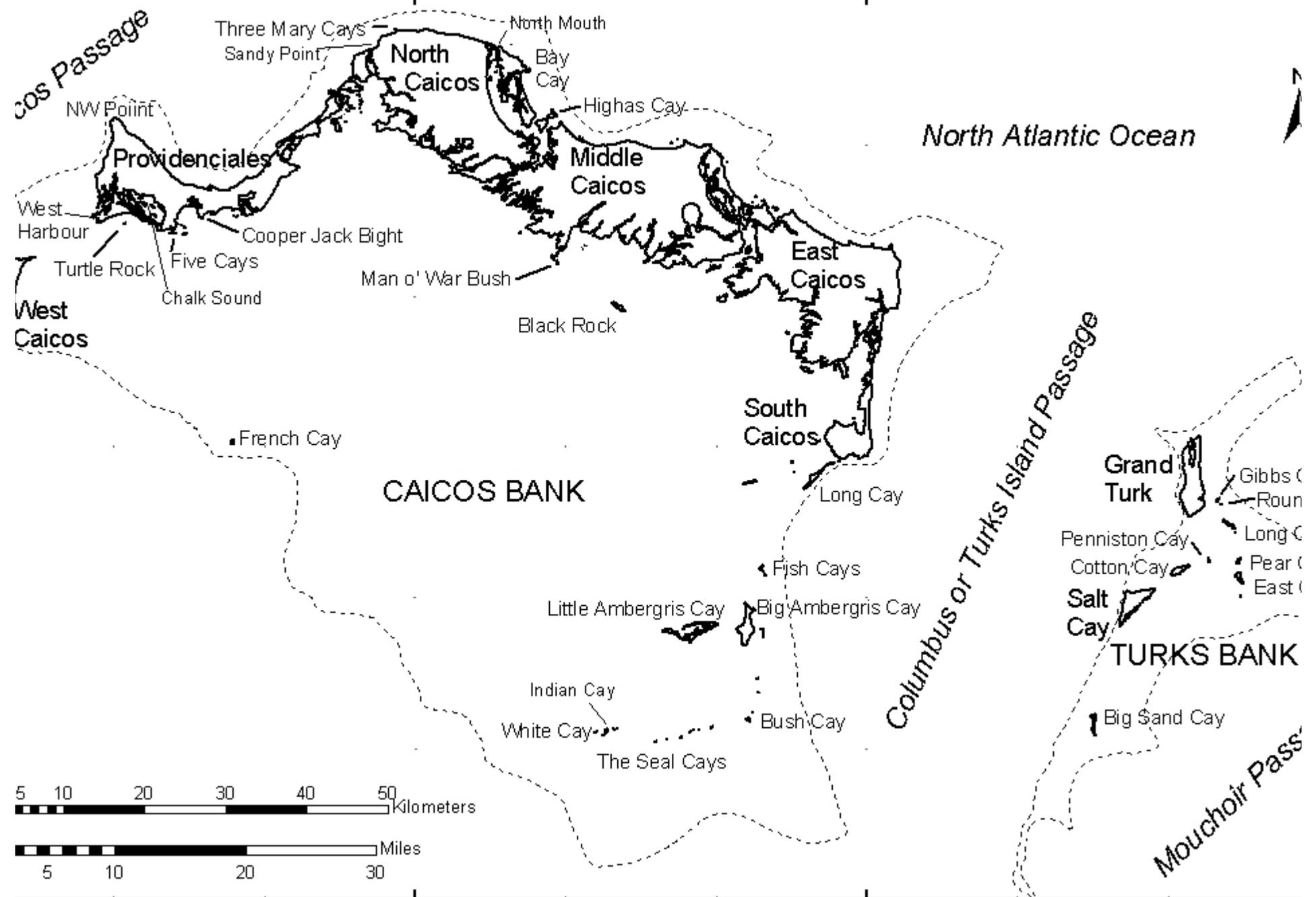
National tree of the Turks & Caicos Islands (TCI)

Endemic to the Bahaman Archipelago

Disjunct distribution in the Bahaman Archipelago

Key species for pine yard ecosystem

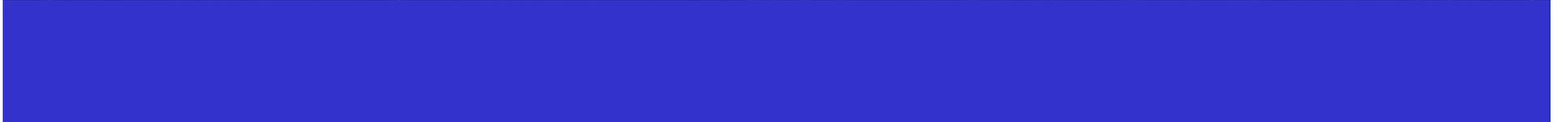




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POSSIBILITIES







Middle Caicos, King Road, January 2005

January 2005, non-native scale insect observed and collected on Middle Caicos.





Fire ignited by lightning in the pine yard, North Caicos



Mostly dead Caribbean Pines



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Pine Rescue

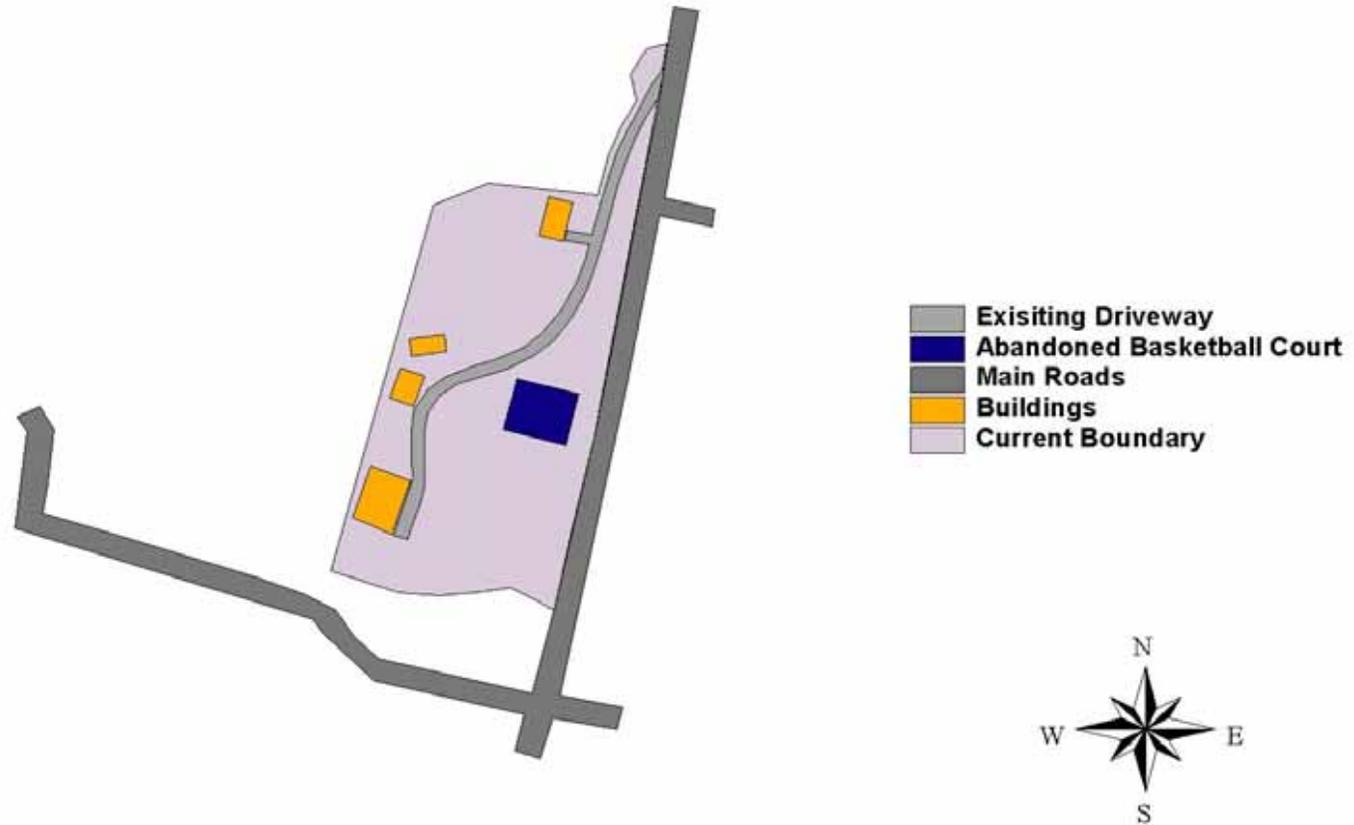


Pines growing in garden of Bryan Naqqi Manco (Senior Conservation Officer, TCNT)



Middle Caicos Conservation Centre

Middle Caicos Censervation Centre Overview of Existing Features



Middle Caicos Conservation Centre Master Plan



- Nursery Structures
- Plant Groups
- Medicinal Garden
- Paths
- New Driveway
- Main Roads
- ★ Trees
- Shrubs
- Buildings
- Surrounding Scrub
- Paved Areas
- Plantation Agriculture
- Property Boundary
- Adjoining Properties



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Pine Nursery Area



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