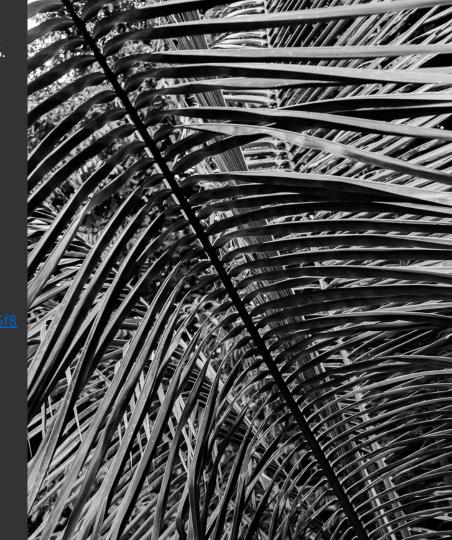




## Problem in Central America In 2010 Belize had 63% of remaining forest cover, Costa Rica 46%, Panama

- 45%, Honduras 41%, Guatemala 37%, Nicaragua 29%, and El Salvador 21%. The bulk of the deforestation was located at the Caribbean slopes of
- Nicaragua with a minus of 8,574 square kilometers of forest lost in the period from 2001 to 2010. The most significant regrowth of 3,050 km2 of forest was seen in the coniferous woody vegetation of Honduras - Daniel J. Redo, H. Ricardo Grau, T. Mitchell Aide, and Matthew L.
- Clark. Asymmetric forest transition driven by the interaction of socioeconomic development and environmental heterogeneity in Central America in: Proc Natl Acad Sci U S A. June 5, 2012; 109(23): 8839-8844.
- The largest contributor to habitat loss is deforestation for ... cattle ranching....As plantations expand, people and cattle are forced into legally-protected areas.
- COVID "Everyone was panicking about food security and had lost their
- employment"



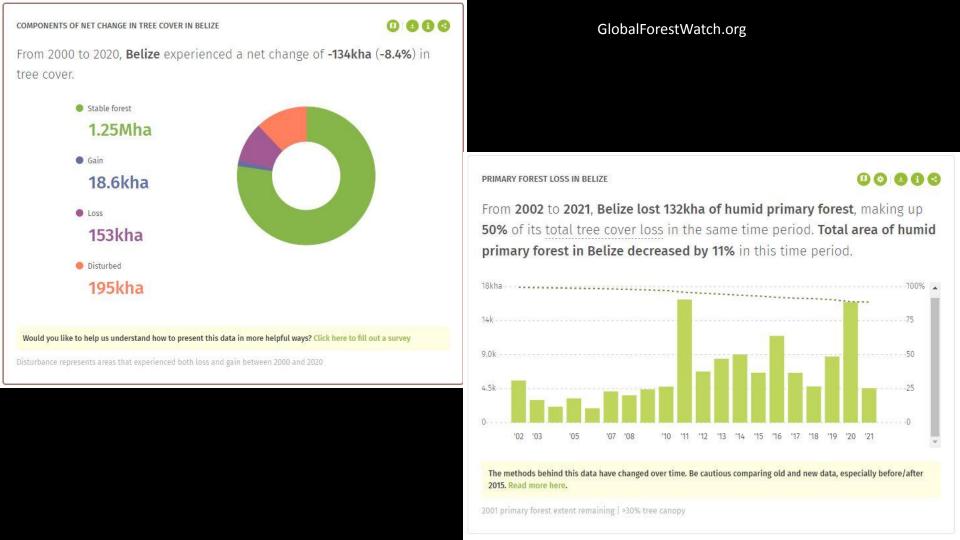
- Wildlife Conservation Society and 25 signatories:
  - The Petén Declaration (2017) includes a commitment to five concrete actions to recover the region's forests: 1) supporting local forests and indigenous communities to obtain land management 2) strengthening the conservation of protected areas 3) supporting the prosecution of environmental crimes 4) focusing on illegal livestock as the main driver of deforestation and 5) protecting environmental champions who risk their lives to protect Mesoamerica's largest forests.
    - https://newsroom.wcs.org/News-Releases/articleType/ArticleView/articleId/10332/People-and-Wildlife-Now-Threatened-by-Rapid-Destruction-of-Central-Americas-Forests.asp



### In Belize

- In 2010, Belize had 1.75Mha of tree cover, extending over 80% of its land area. In 2021, it lost 9.29kha of tree cover, equivalent to 4.49Mt of CO<sub>2</sub> emissions. ~ <a href="https://globalforestwatch.org">https://globalforestwatch.org</a>
- There are currently 103 protected areas throughout the country of Belize.





## GlobalForestWatch.org

TREE COVER BY TYPE IN BELIZE

As of 2000, 80% of Belize was

As of **2000**, **80%** of **Belize** was natural forest cover.

Natural Forest1.75Mha



4ha

Non-Forest

Plantations

451kha

LOCATION OF FOREST IN BELIZE

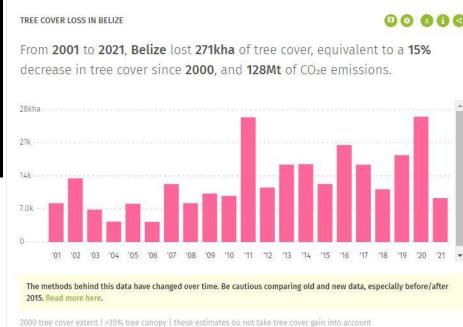


In **Belize** as of **2010**, the top **2** regions represent **50%** of all tree cover. **Cayo** had the most tree cover at **477kha** compared to an average of **292kha**.



over extent | >30% tree canop

0



ou tree cover extent | >30% tree canopy | these estimates do not take tree cover gain into account



Belize has launched several initiatives in recent years to protect its natural resources. In 2018, <u>oil drilling</u> off its coast was banned to safeguard marine environments and the lucrative diving industry. Nearly <u>40% of the country's land mass</u> is also under some form of protection.

https://www.theguardian.com/environment/2021/apr/22/teeming-with-biodiversity-activists-buy-up-belize-rainforest-to-stop-logging-in-perpetuity-aoe



Map courtesy of The Nature Conservancy.



Map courtesy of The Nature Conservancy.

### Selva Maya

- In 2021, a consortium of more than a dozen conservation organizations purchased a critical piece of land: the Belize Maya Forest, a 96,000-hectare (236,000-acre) linchpin in Central America's pristine Selva Maya. This purchase very likely saved this former forestry concession from being cleared for industrial-scale agriculture.
- The area was owned by the Forestland Group, a US company that had permits for sustainable logging. When it came up for sale, the Nature Conservancy and others, including Rainforest Trust, World Land Trust, University of Belize Environmental Research Institute and Wildlife Conservation Society
- the Maya Forest corridor, which connects Belize's Maya mountains and the northern Maya lowland forests shared by Belize, Mexico and Guatemala, has faced high rates of deforestation, driven by land clearances for industrial-scale agriculture.
  - https://globalconservation.org/projects/greater-belizemaya-forest/
- The Mayan Forest is the second largest intact tropical rainforest in the Americas after the Amazon. It is home to Mayan communities who still practice traditional agriculture, as well as ancient Maya cities and landmarks including the Tikal Plaza.
  - https://storymaps.arcgis.com/stories/b21e1154ae354c9 d8629626a5f80ee88



# Mat and Vanessa



















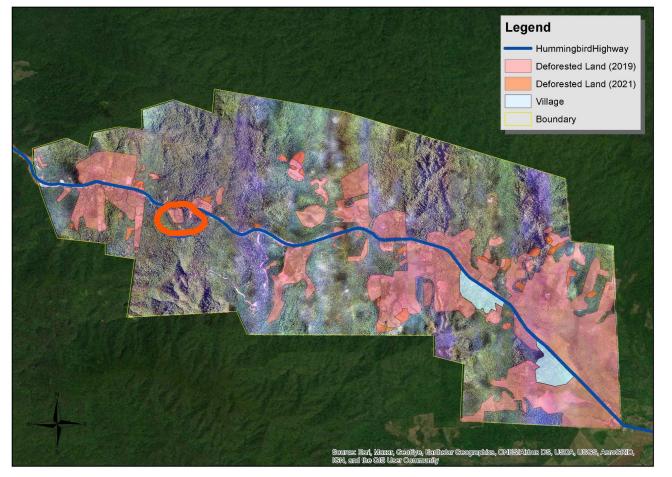








## 2021 Deforested Land surrounding T,R,E,E,S











# Individual Membership

(\$25+/year)

- Members-only newsletters
- Access to Annual General Meeting (AGM)
  - Discounts on T.R.E.E.S. workshops
- Exclusive discounts on T.R.E.E.S online shop
  - 1 tree planted on your behalf



# Family Membership

(\$200+/year)

- All of the above

+

- Discount on T.R.E.E.S. accommodation
- \$50 gift card to T.R.E.E.S. online shop
  - 5 trees planted on your behalf



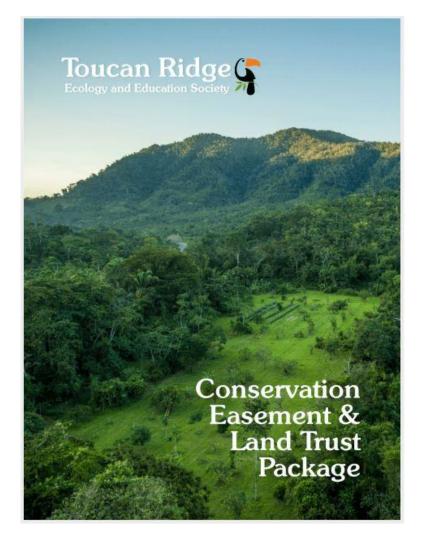
## Corporate Membership

\*Contact us for price & full list of items\*
- 10 trees planted on your behalf





By becoming a member, you help us continue our work in ecological education and conservation.





# Corporate Sponsorship





TOUCAN RIDGE ECOLOGY AND
EDUCATION SOCIETY

