GREENPEACE

The Boreal Forest
- Introduction to the Boreal Forest
- Why the Boreal is important
- Threats to the Boreal Forest
- Woodland Caribou
- Solutions
- The Boreal Forest in Ontario
- How you can help!
- Questions?
Greenpeace is committed to protecting the world’s remaining ancient forests and the plants and animals (including people!) that depend on them.
Canada's Intact Boreal Forest Landscapes
Why is the Boreal Forest so important?

- Ancient and Intact
- Biodiversity
- Climate Change
- Ecosystem Services
- Many People’s Livelihoods

Depend on the Boreal Forest
Boreal Biodiversity

- The Boreal is home to many species
- Between 1.65 and 3 billion birds breed in the Boreal Forest
- Nearly half North America’s birds depend on the Boreal Forest at some point in the year
- Home for caribou, wolves, bear, marten, wolverines, moose, and more
Climate Change

- The Boreal fights climate change by absorbing and sequestering carbon.

- It stores 186-208 billion tons of carbon, at least 27 years worth of emissions from burning fossil fuels worldwide!
Turning up the Heat video:

http://www.youtube.com/watch?v=wBYmB0gAgK4
Ecosystem Services

- Water purification
- Air purification
- Carbon sequestration
- Canada’s Boreal’s ecosystem services have been valued at $700 billion/yr!
Boreal Communities

- The Boreal Forest is a source of livelihood for forest communities
Threats to the Boreal

- Logging
- Road Building
- Mining
- Climate Change
- Industrial Development
- Generally
- Overconsumption
Woodland caribou

- Live in the Boreal Forest
- Iconic species; on the quarter!
- Threatened throughout Canada
- Woodland caribou have already lost half of their range in Ontario
Indicator Species

- Woodland caribou are an indicator of overall forest health
Umbrella Species

- Protecting caribou means protecting the whole Boreal Forest
- Protecting caribou helps fight climate change
- This is why we focus on caribou protection
Solutions

- Manage where we log
- Manage how we log
- Canadian Boreal Forest Agreement (CBFA)
- Consume with respect for biophysical limits
Where We Log

- We need a network of protected areas to preserve biodiversity
- Must protect conservation hotspots
How We Log

- Forest Stewardship Council (FSC) certification
- Ecosystem-Based Management (EBM)
Goal 1 – Implement EBM
Goal 2 – Establish a network of protected areas
Goal 3 – Recovery plans for species at risk (e.g. caribou)
Goal 4 – R&D for Climate Friendly Forest Products
Goal 5 – Improve Canadian forest sector
Goal 6 – Promote Canadian forest sector as a leader in sustainability
Moderate Consumption

- Individually AND collectively
- Must consume sustainably
  within biophysical limits
WE NEED YOUR HELP!

• Sign up for e-mails at www.greenpeace.ca
• Sign our petition at www.greenpeace.ca/caribou
• Make your life greener
• Spread the word
• Take your own initiative!

I have materials and resources to help; come talk to me afterwards!