

Conservation status of Thetis Island Local Trust Area

The Thetis Island Local Trust Area is one of 13 local trust areas and island municipalities that make up the Islands Trust Area. The Thetis Island Local Trust Area is located 7km east of Chemainus, and includes over twenty other associated islands, including Valdes, Ruxton, Reid, and Pylades. It is within the traditional territories of numerous First Nations who have cared for these lands and waters since time immemorial.

Thetis' beautiful and vibrant islands, home to some of the rarest ecosystems in the world, are under threat from development, climate change and habitat degradation.

The Islands Trust Conservancy does "nature check-ups" to measure the state of island ecosystems to see how well we are meeting the Islands Trust's mandate to "preserve and protect". Guided by a science-based Regional Conservation Plan, our work is important because, like the species and habitats that support us, the quality of human life depends on ecosystem health. We all have a part to play in protecting these fragile islands in the Salish Sea for future generations.

Species at risk



Killer Whale (*Orcinus orca*)

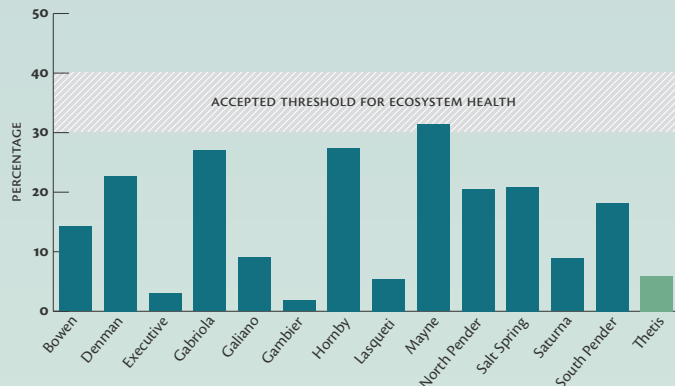
Northern Pacific southern resident population
Endangered (Federally), red listed (Provincially)



Peregrine Falcon, *anatum* subspecies (*Falco peregrinus anatum*)

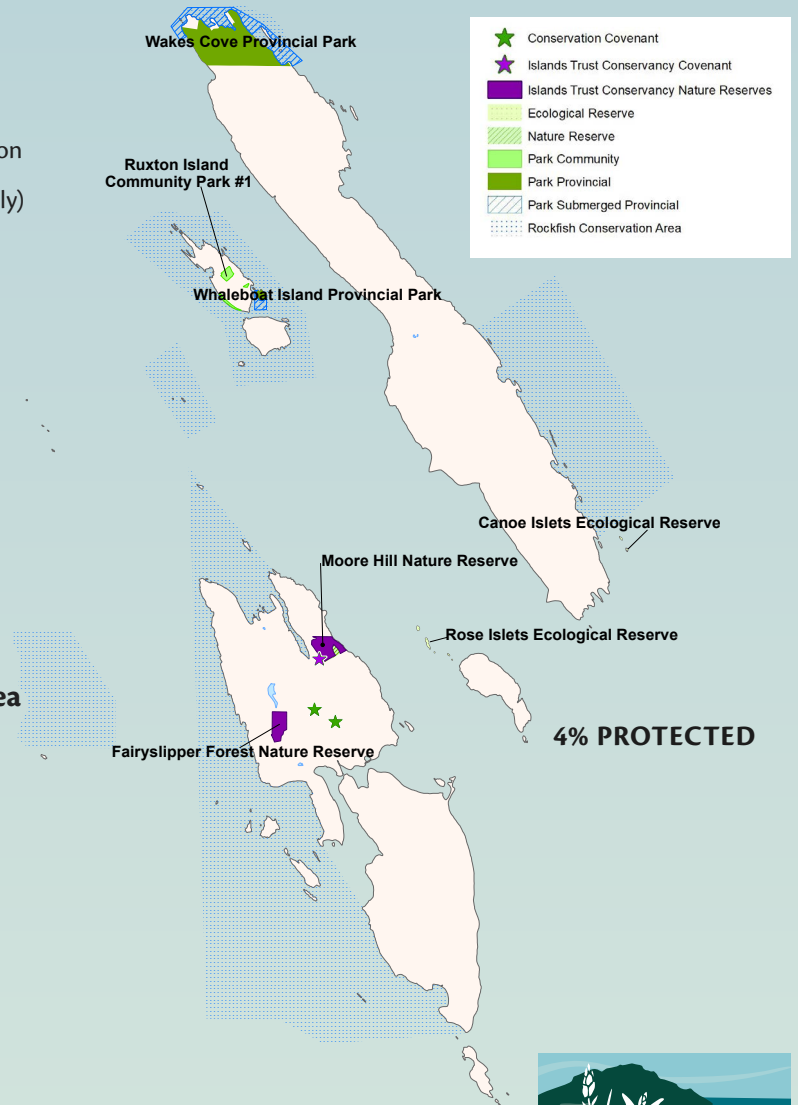
Special concern (Federally),
red listed (Provincially)

Land Converted to Human Use in the Islands Trust Area



Once land is converted for human use, that land is less available for nature. As land conversion reaches or goes above a 30-40% threshold, the number of species in a given habitat decline more rapidly.

Parks & protected areas



Learn more at islandstrustconservancy.ca

How do forests help us?

CARBON EMISSIONS ABSORBED BY THETIS FORESTS ANNUALLY



🌲 = 1,000 tonnes of carbon

EQUIVALENT CARBON EMISSIONS EMITTED BY PASSENGER VEHICLES ANNUALLY

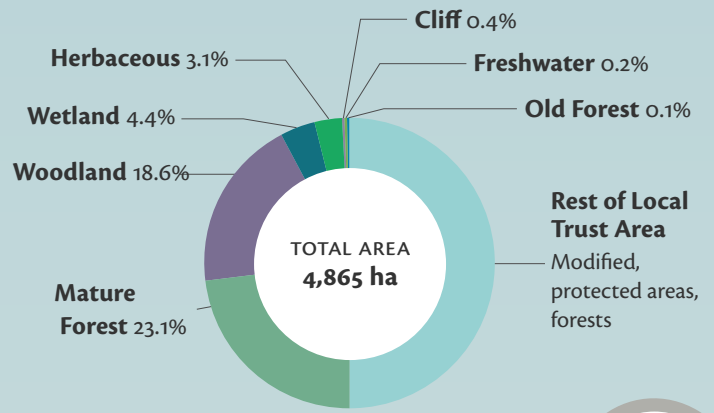


🚗 = 500 vehicles

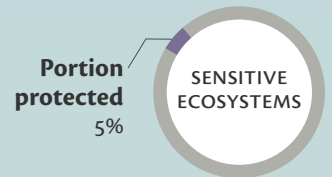
=

The forests on Thetis sequester 11,650 tonnes of carbon/year which equates to removing the emissions of 2,461 passenger vehicles per year. That's almost the equivalent of 6 vehicles/year/Thetis resident!

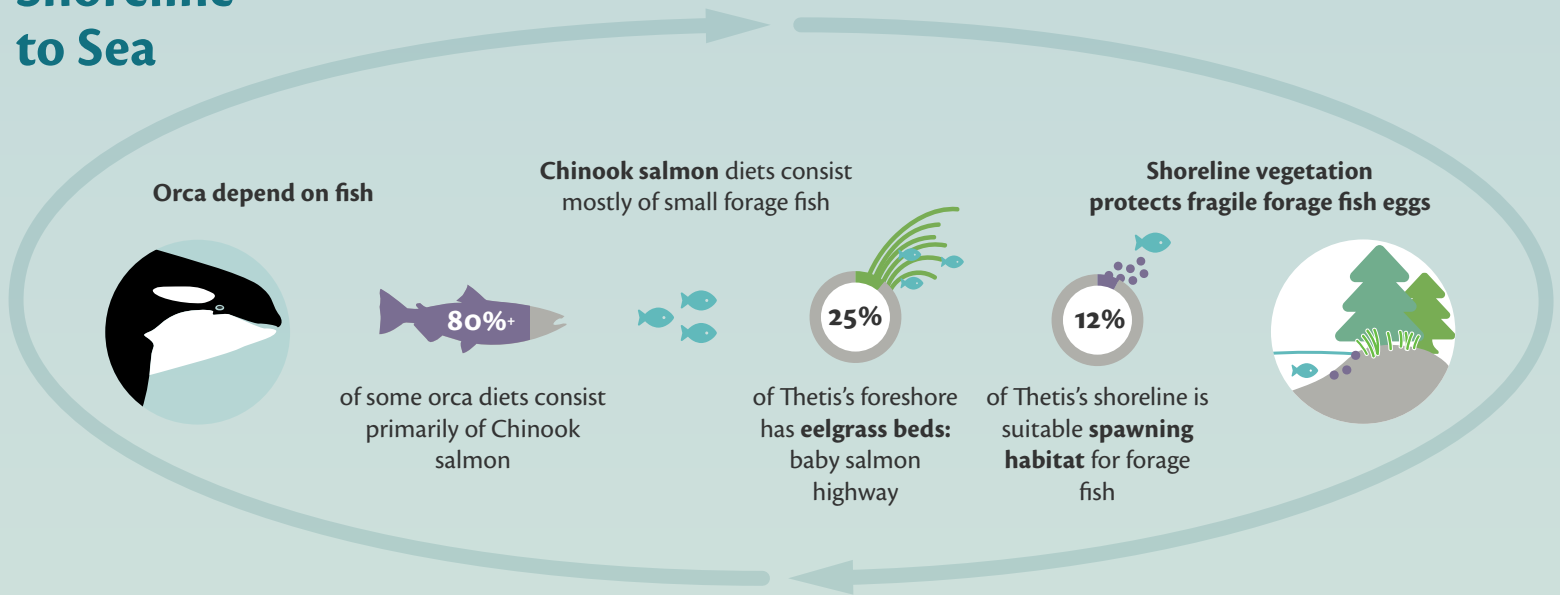
Sensitive ecosystems



Sensitive ecosystems are fragile and are often home to at-risk or endangered species.



Shoreline to Sea



Marine health starts at the shoreline. Your actions can make a difference!

Modified Ecosystems as of 2017

More than 65% of the Islands Trust Area is in private land ownership. Pressures to develop and change the natural landscape are tremendous. The Islands Trust Conservancy works with landowners to protect private land with conservation covenants, land donations, fundraising for nature, and stewardship.

