

# Conservation status of Bowen Island

Bowen Island is one of 13 local trust areas and island municipalities that make up the Islands Trust Area. Located in Howe Sound just a twenty-minute ferry ride from Horseshoe Bay in West Vancouver, it includes Bowen and Hutt islands. Bowen is within the traditional territories of numerous First Nations who have cared for these lands and waters since time immemorial.

Beautiful Bowen is home to some of the rarest ecosystems in British Columbia that 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



### Blue dasher, (*Pachydiplax longipennis*)

Special Concern (Federally), blue listed (Provincially)  
sensitive to human activities  
Recorded sightings on Bowen Island



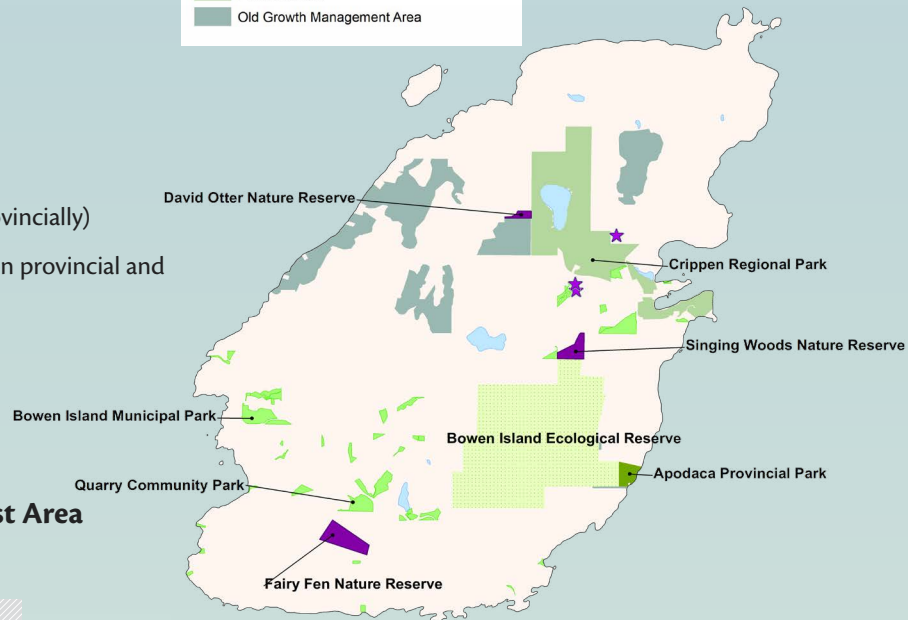
### Marbled Murrelet, (*Brachyramphus marmoratus*)

Threatened (Federally), blue listed (Provincially)  
Critical habitat for marbled murrelet on provincial and private lands

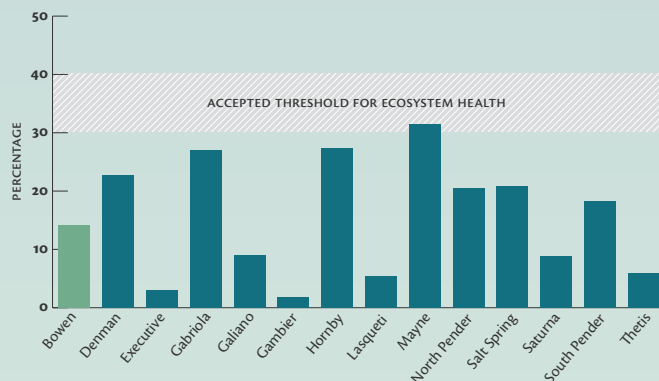
## Parks & protected areas



20% PROTECTED



## 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.



Learn more at [islandstrustconservancy.ca](http://islandstrustconservancy.ca)

# How do Bowen's forests help us?

CARBON EMISSIONS ABSORBED BY BOWEN FORESTS ANNUALLY

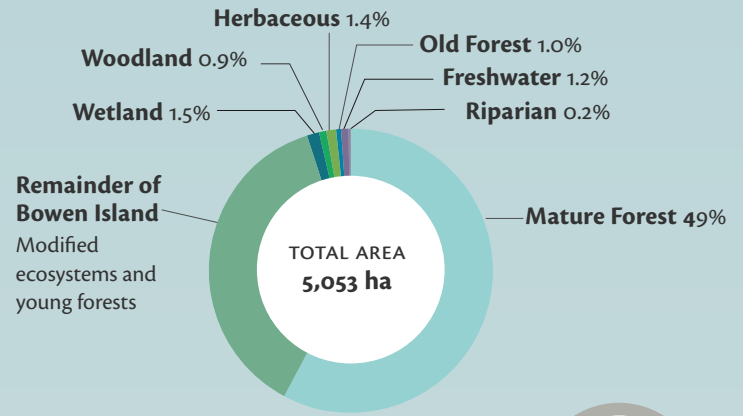


EQUIVALENT CARBON EMISSIONS EMITTED BY PASSENGER VEHICLES ANNUALLY

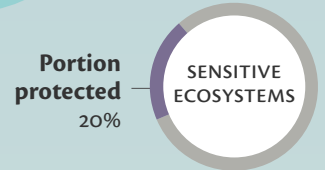


The forests on Bowen sequester approximately 12,880 tonnes of carbon/year which equates to removing the emissions of 2,720 passenger vehicles per year. Bowen's forests quietly absorb the carbon emitted by the vehicles of nearly every islander!

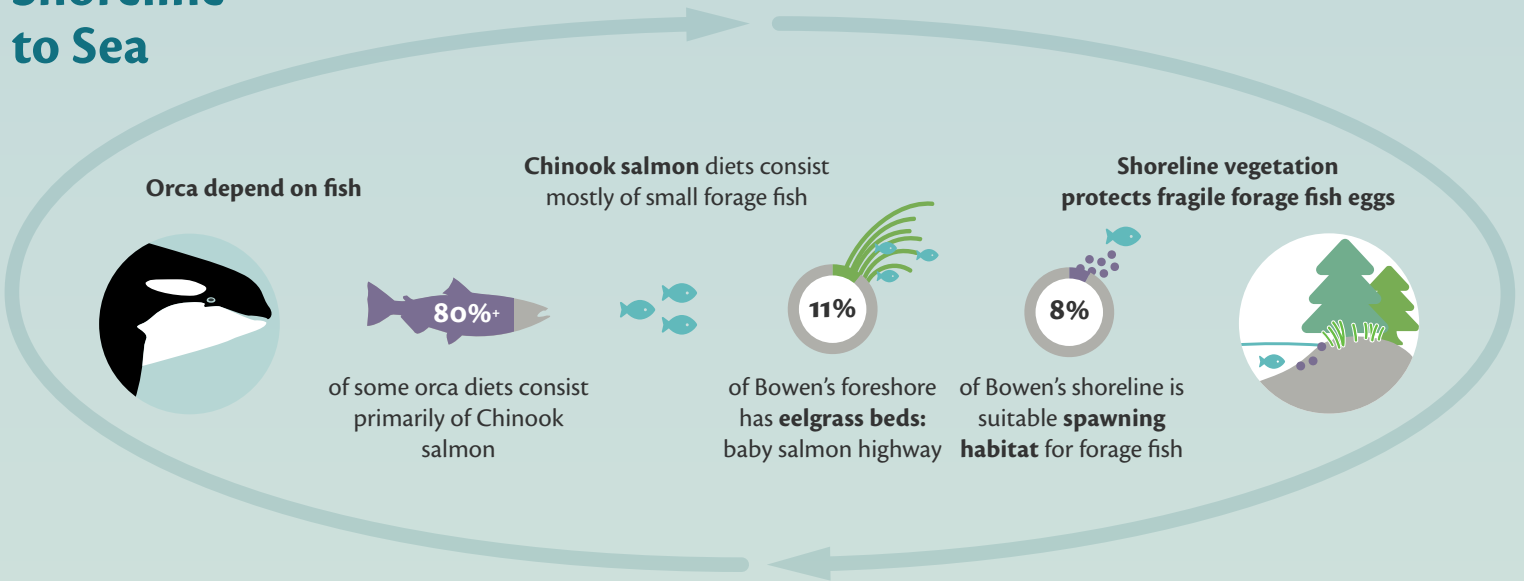
# Bowen's sensitive ecosystems



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 on Bowen 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.

