

*Core Areas of Biological Value
for the Conservation of*


**Winter Habitat for
Sitka Black-tailed Deer**

on the Tongass National Forest
and adjacent lands* based on the
Marxan Spatial Optimization and
Decision Support Tool


*This analysis was conducted to evaluate
parameters and performance of the Marxan
Optimization Model in representation of
Sitka black-tailed deer habitat values.*

Frequency of selection using the
Marxan Spatial Optimization Tool
provides an index to the relative value
of sites in meeting quantitative goals
for the representation of deer habitat
in an efficient conservation system.

Relative Biological Value
(index of irreplaceability)

Very High Value 
(>90%)

High Value 
(50% - 90%)

Moderate Value 
(10% - 50%)

