

# Mountain pine beetle outbreak maps

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*December 16, 2016*

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## Overview of MPB map data

Descriptions of:

- data sources
- data collected
- etc.

## Processing the MPB map data

Importing map data

MPB SpatialPoints data

MPB SpatialPolygons data

Canadian administrative boundaries

Canadian boreal forest maps

Reproject MPB maps to crs.boreal

MPB SpatialPoints data

MPB SpatialPolygons data

Rasterize MPB maps

Canadian boreal forest maps

MPB SpatialPoints data

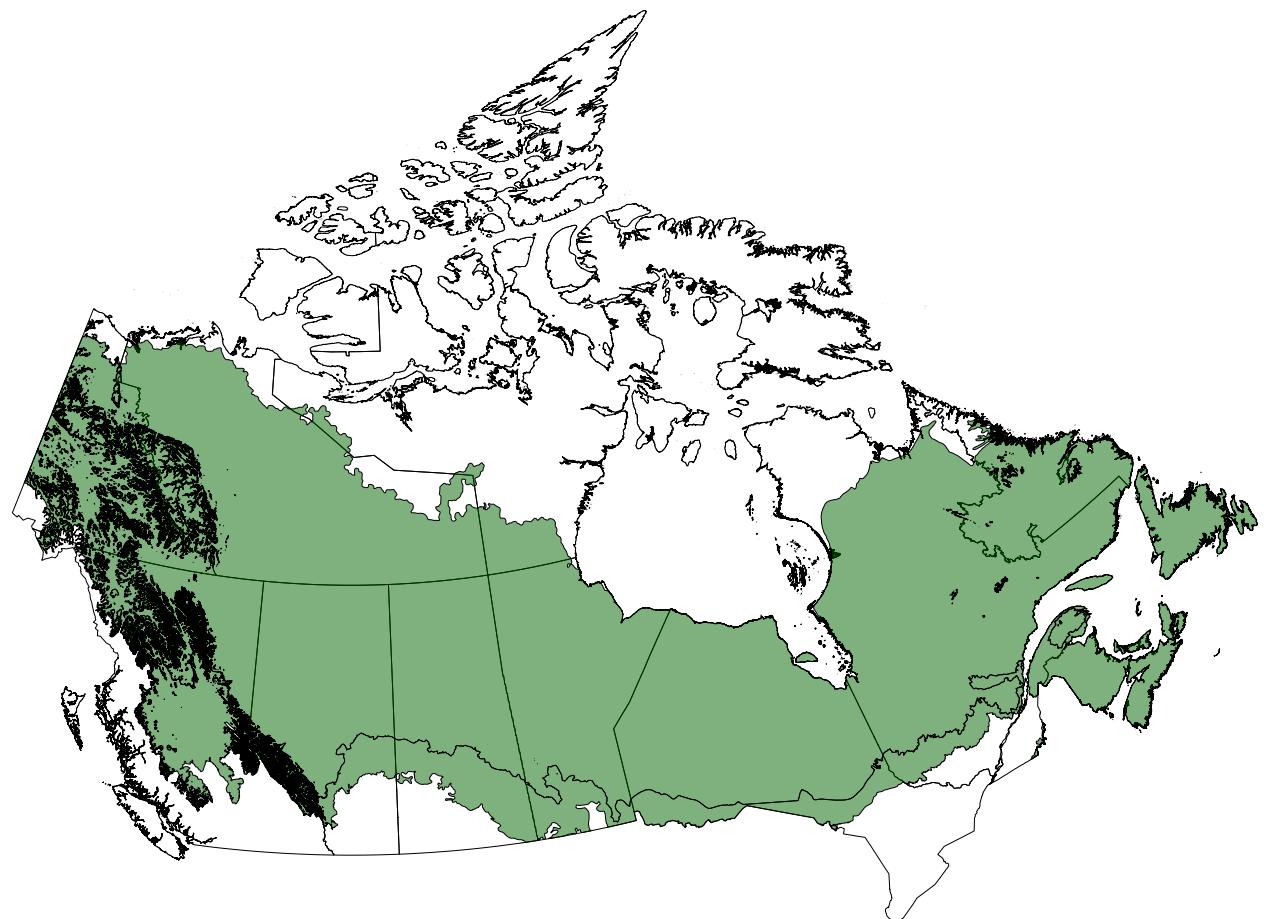
MPB SpatialPolygons data

Combine all MPB maps

Plotting maps

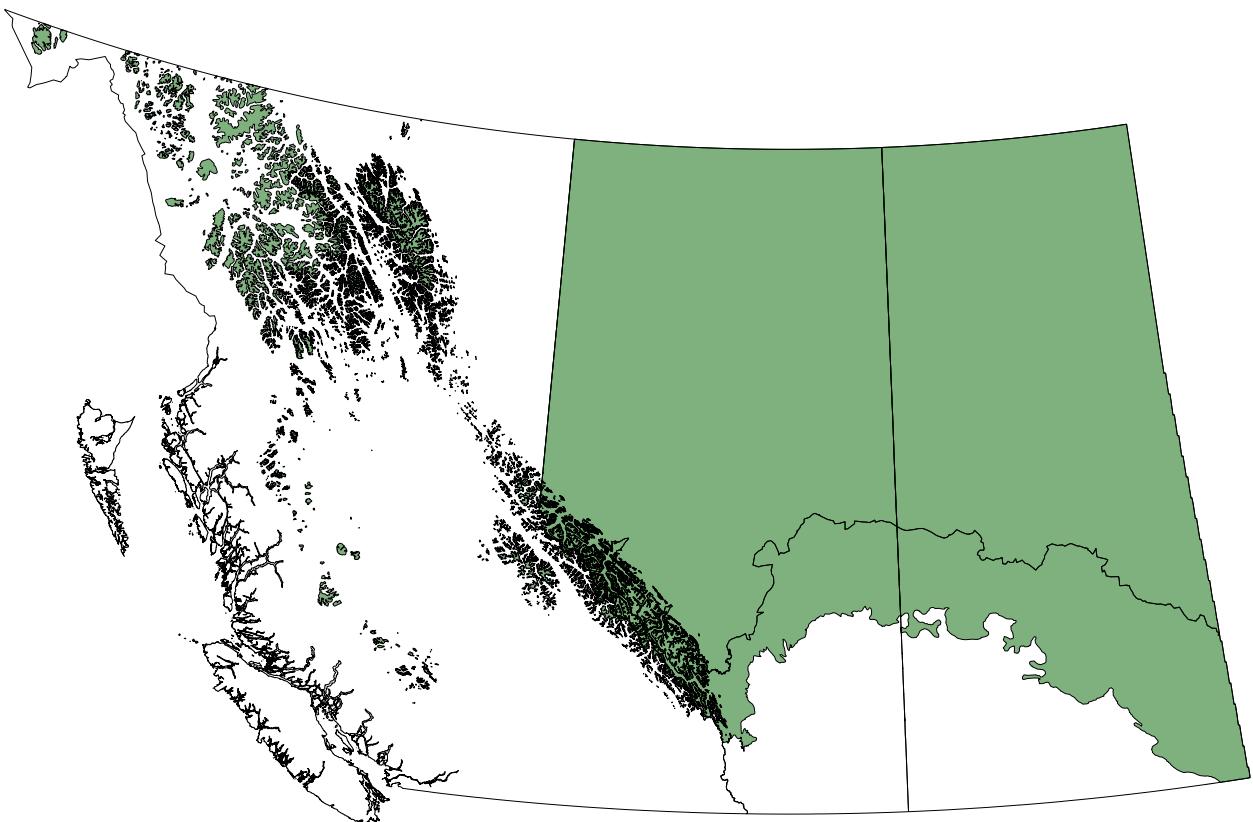
Boreal forest maps

The Canadian boreal forest:



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The western Canadian boreal forest:



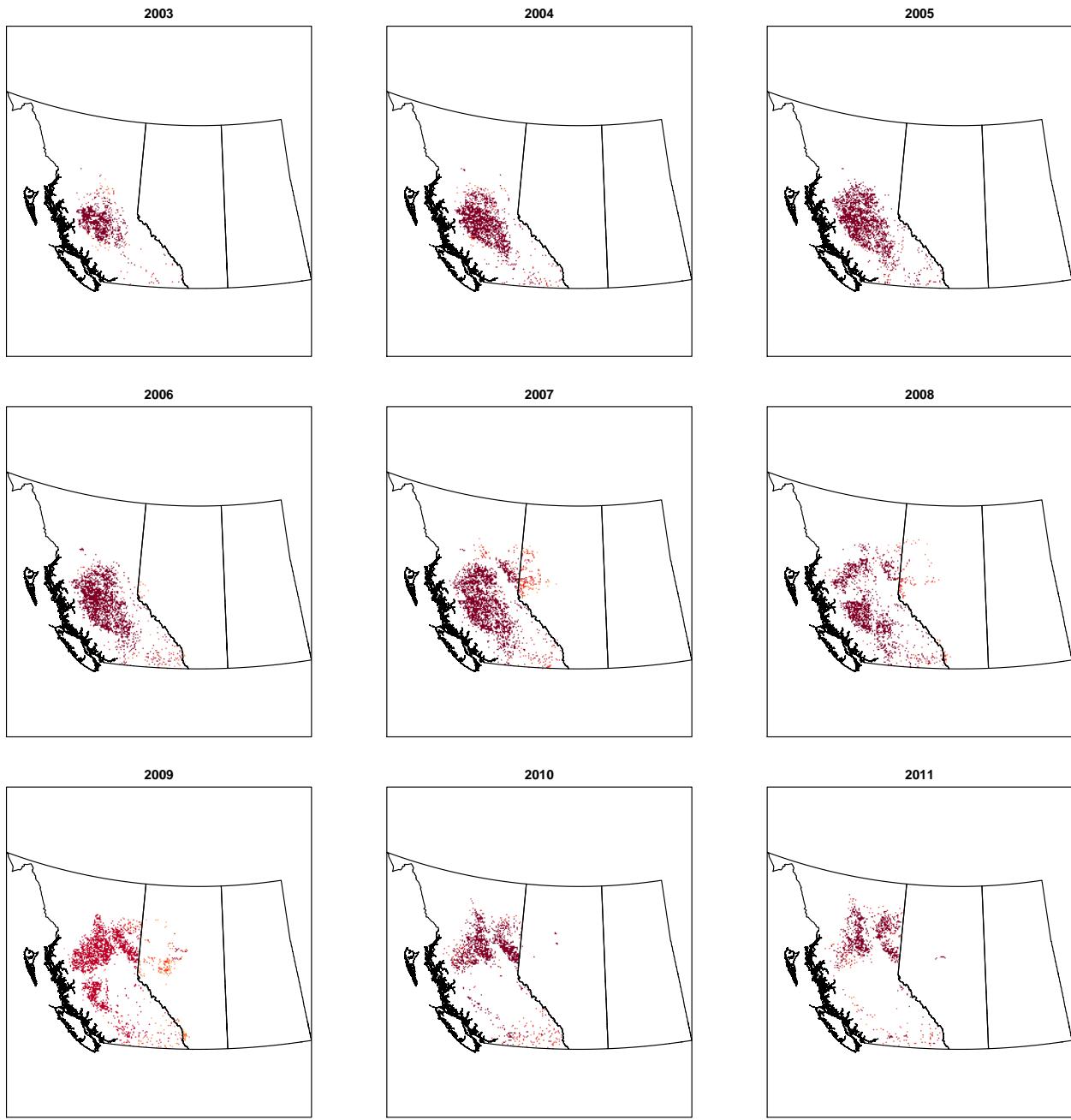
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**MPB** in western Canada

**MPB** **SpatialPoints** data

**MPB** **SpatialPolygons** data

**MPB** **RasterStack**



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**MPB RasterBrick timeseries**

