Greater Vancouver

Lyme Disease Risk Areas in British Columbia

Risk map based on ecological niche modeling using observation data from field sampling (1993-2014) and clinical submissions (2002-2018), and 10 environmental predictor data layers (vegetation, temperature and precipitation). Note of context: in comparison to the high endemic rates of Lyme Disease in northeastern United States (29 cases per 100,000 population and 40% tick infection rate), the risk in BC is low (<0.5 cases per 100,000 population and <1% tick infection rate). Map created December 2019.

Areas with suitable ecological conditions for the Lyme Disease organism to be present in the environment:
- potential
- optimal