



Update – Fall 2019

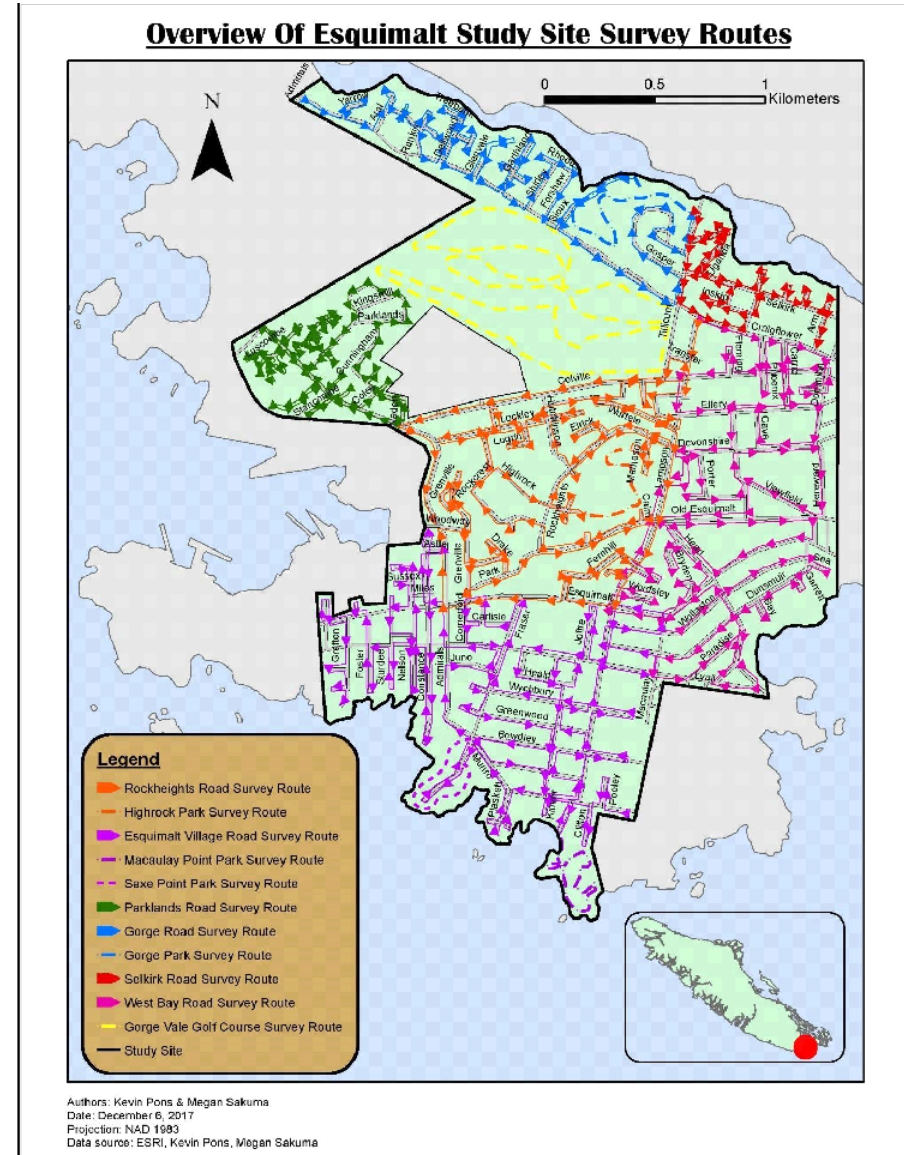
Esquimalt Deer Survey

Year 3

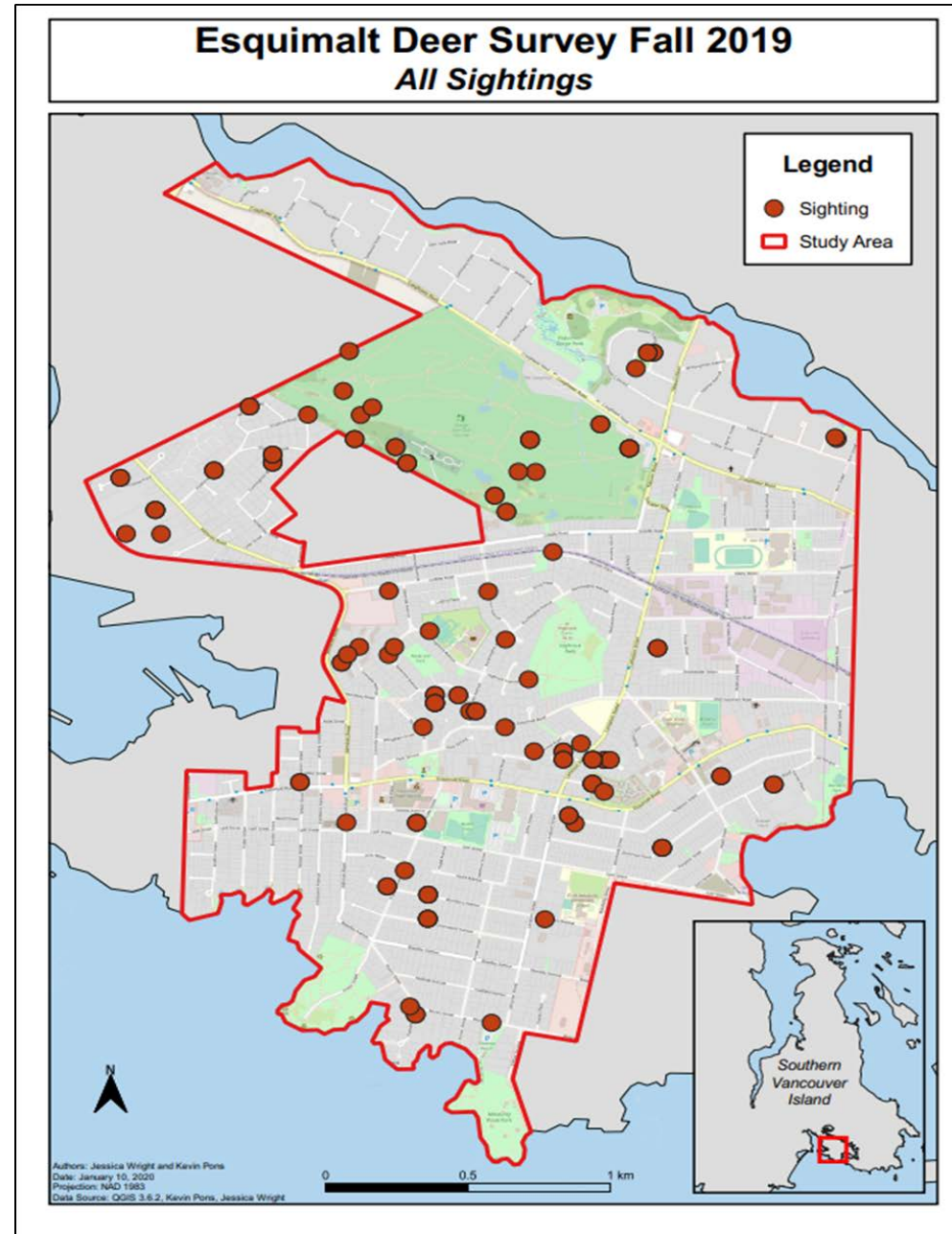
By Kevin Pons B.Sc.

Survey Method

- Mobile Line Technique
- 5 zones with parks (2 of the 5 zones have 2 sub-zone)
- Sampling at Dawn and Dusk
- Monday Oct. 21st – Friday Nov.22nd
- 50 Samples



Esquimalt Fall 2019 Survey



Photographic Mark-Recapture Method



W1DuR



W3DuR



Continued...



W3DaR



W3DuR

Sometimes, external factors provide additional ways to identify an individual...



36 ± 9 bucks

Doe:Buck

1.18

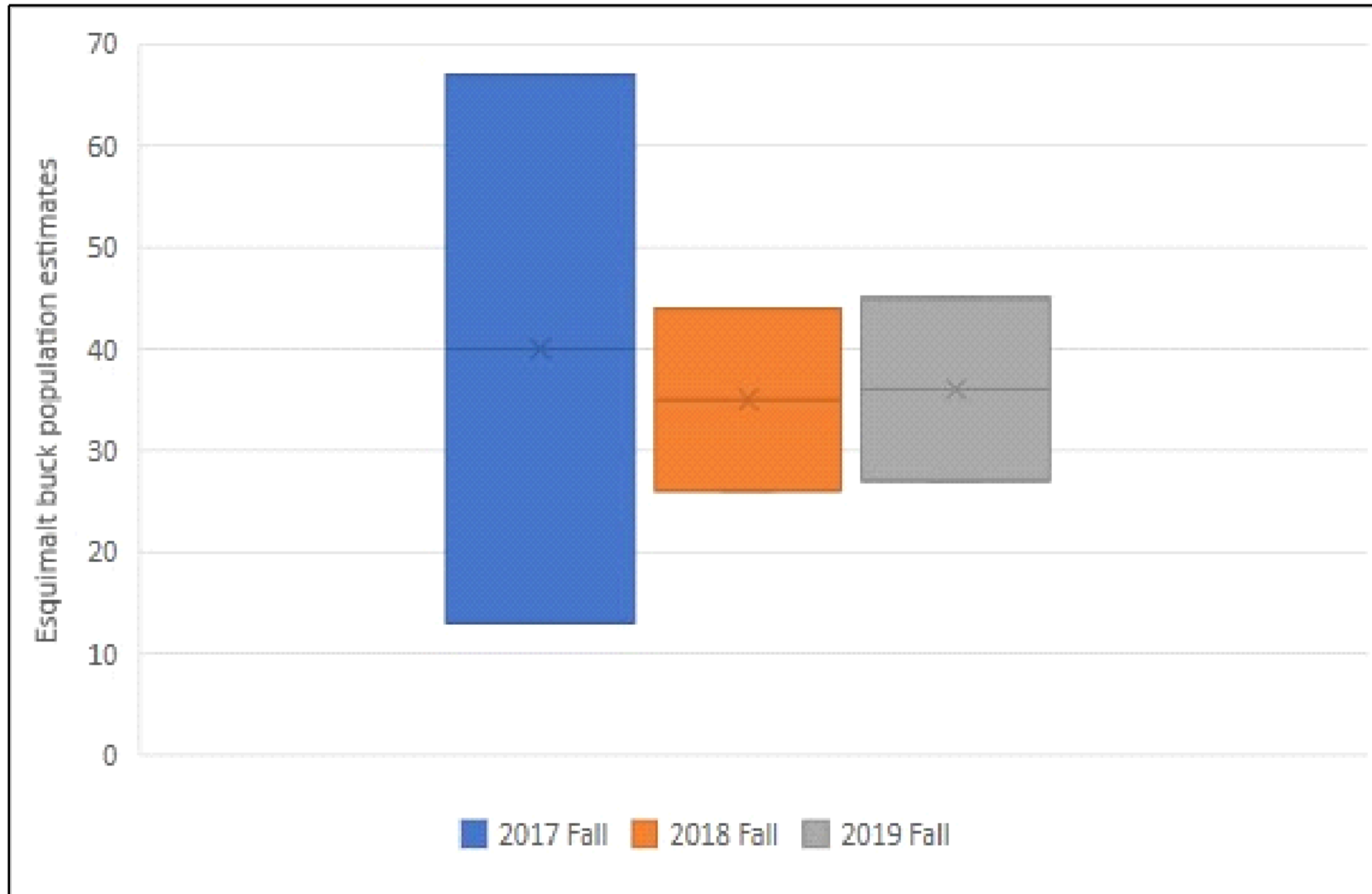
Doe:Fawn

0.74

125 deer

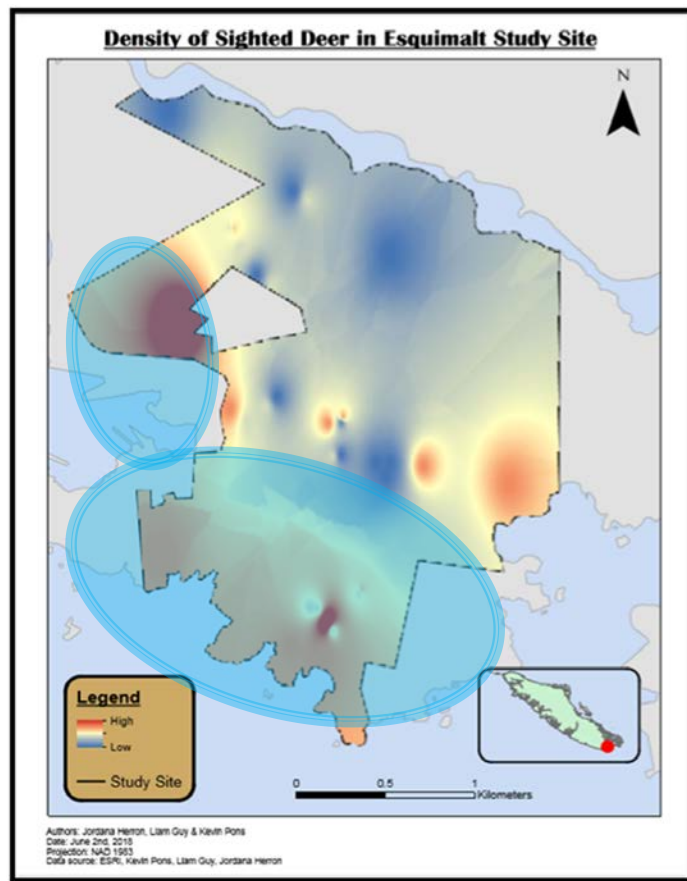
A photograph of a deer with large, dark antlers standing in a garden. The deer is facing the camera with a white patch on its muzzle. The background features green bushes, a tree with yellow leaves, and a grey building. The word "Conclusion" is overlaid in white text with a blue shadow.

Conclusion

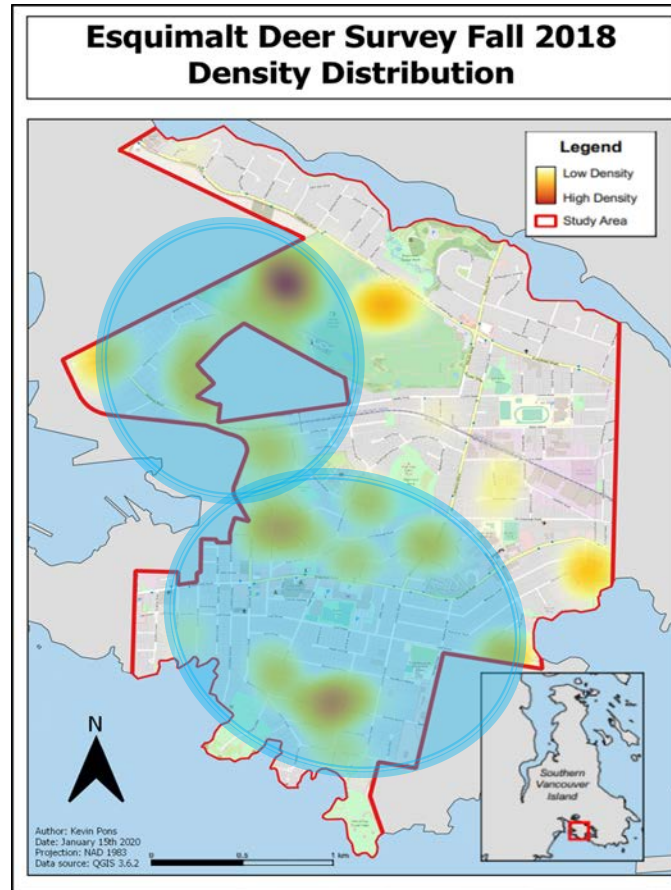


Graph of population estimate for bucks in Esquimalt for Fall 2017, 2018 and 2019 by Kevin Pons

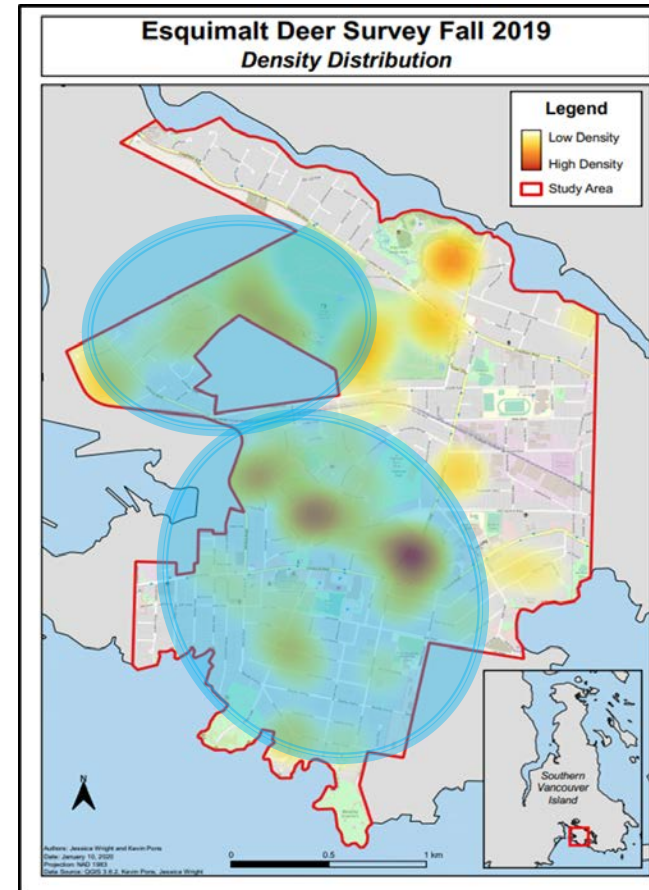
Spatial Distribution



2017

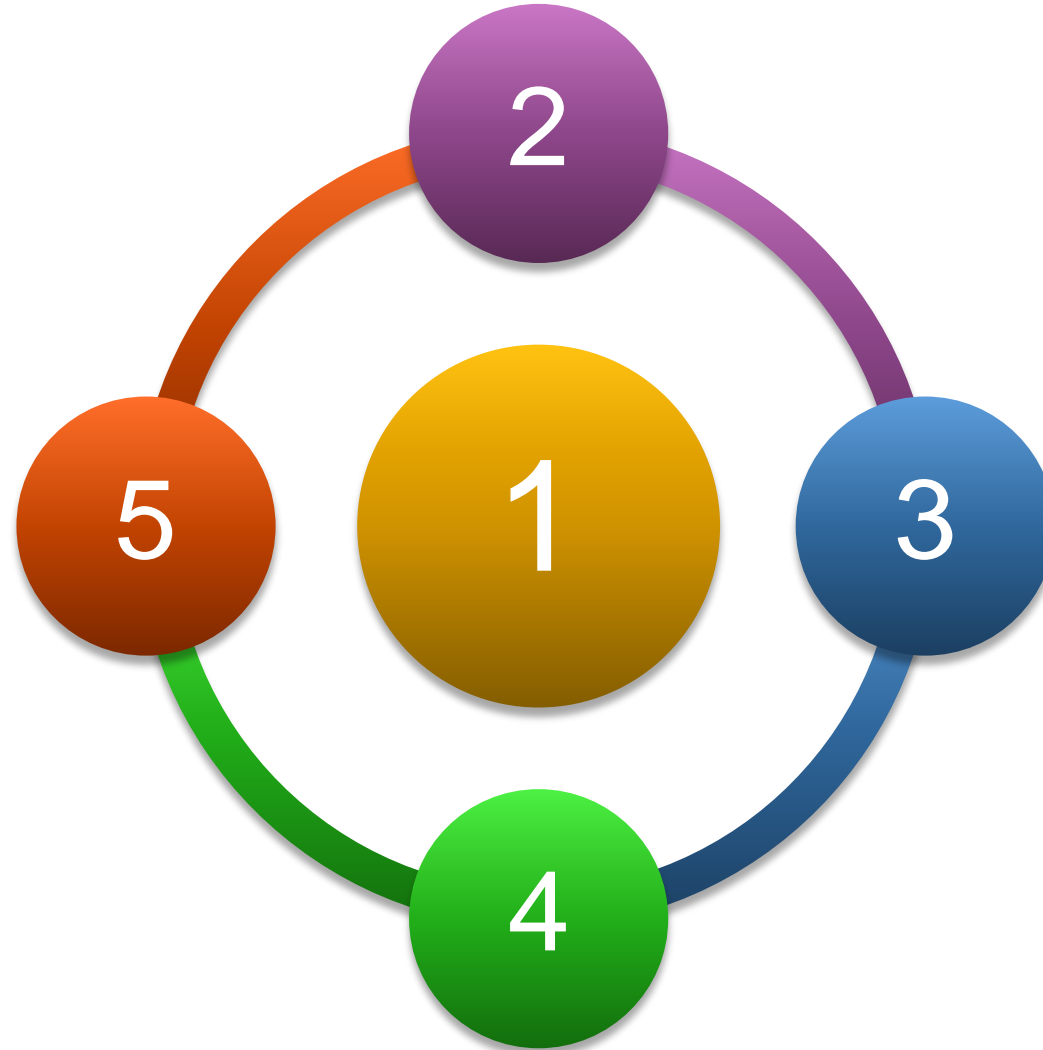


2018



2019

Recommendations



A photograph of a deer with large, velvet-covered antlers lying on a rocky hillside. The deer is looking directly at the camera. In the background, there is a multi-story house with a balcony and a yellow pole. The text "Thank You!" is overlaid on the right side of the image.

Thank You!