

Appendix 9. Seasonal animation of predicted scoter occupancy and abundance

To provide an example of the seasonal dynamics that can characterize sea duck occupancy and abundance in Nantucket Sound, we provide an animation of predicted scoter occupancy and average abundance for every other day between 1 November 2005 and 31 March 2006.

The code associated with this appendix (`Appendix_9_(seasonal_dynamics_animation).Rmd`) produces two files which contain the final animations: `SCOT_2005_occup_animation.pdf` and `SCOT_2005_abund_animation.pdf`. However, here we manually appended them by incorporating the following code into the associated `.tex` file and recompiling (see `Appendix_9__seasonal_dynamics_animation_.tex`).

```
# \begin{figure}
# \begin{center}
# \animategraphics[controls, width=1\linewidth]{2}{occup_anim}{}{}
# \end{center}
# \end{figure}

# \newpage

# \begin{figure}
# \begin{center}
# \animategraphics[controls, width=1\linewidth]{2}{abund_anim}{}{}
# \end{center}
# \end{figure}
```


