

<sup>1</sup> **Appendix S9. Seasonal animation of predicted scoter  
2 occupancy and abundance**

<sup>3</sup> To provide an example of the seasonal dynamics that can characterize sea duck occupancy  
<sup>4</sup> and abundance in Nantucket Sound, we animate predicted scoter occupancy (Figure S9.1)  
<sup>5</sup> and overall abundance (Figure S9.2; scoter per 1.5 km x ca. 180 m) for every other day  
<sup>6</sup> between 1 November 2005 and 31 March 2006.

<sup>7</sup> **Figure S9.1**

<sup>8</sup> **Figure S9.2**