

Appendix 2. Supplemental materials

Table A2.1 Evaluation of observed migratory connectivity of adult male and female Barrow's Goldeneye for each stage of the annual cycle. Density-based cluster analysis determined whether connectivity depends on aggregation of individuals or on rigid transference of distribution patterns between areas. Noise points are individuals that were not assigned to a cluster.

Stage	Sex	N	# Clusters	# Noise Points	Range of individuals per cluster
Winter	M	122	8	30	5-22
Winter	F	75	5	2	5-33
Breed	M	110	6	51	6-15
Breed	F	69	5	22	6-13
Molt	M	137	6	19	7-47
Molt	F	62	4	20	7-14



Figure A2.1 Original oil painting of a Barrow's Goldeneye breeding pair by ©Peter Forstner. Frame hand-carved by ©House of Maes. This painting was used to create Figure 4 with permission from the artist ©Peter Forstner.