



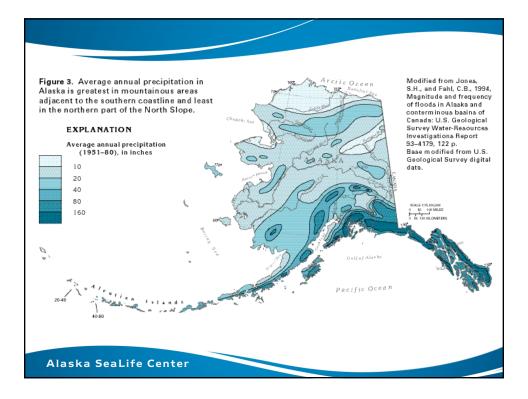
Initial Breeding Challenges

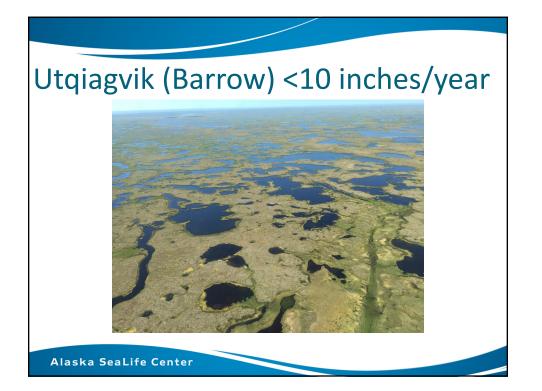
- No incubating hens, nolittle down pulled into nests
- Very large clutch sizes
- Adults collected from the wild not breeding

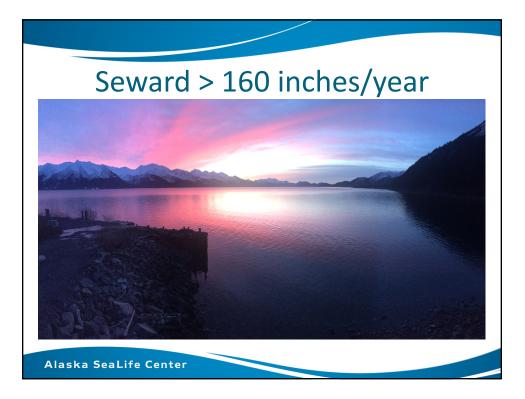


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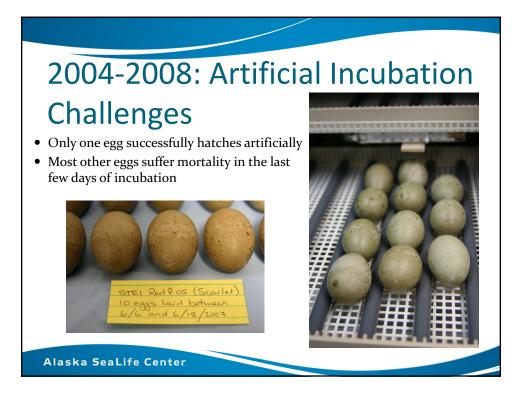


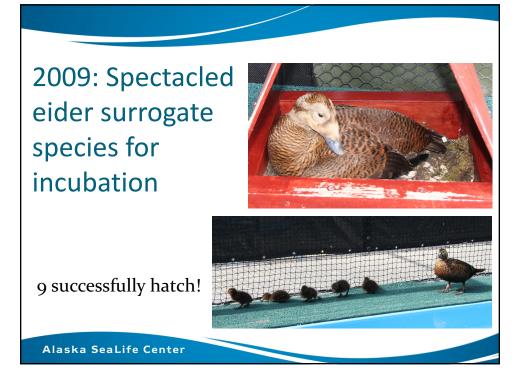


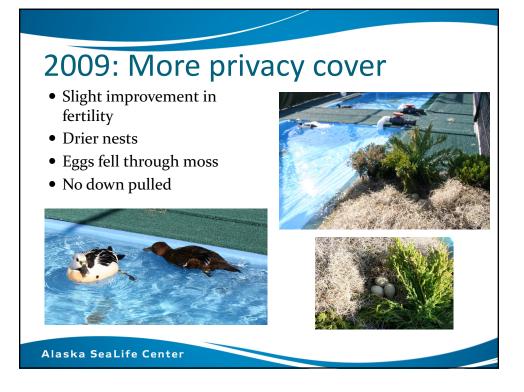












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2010: A better nest bowl?

- Continue refining privacy cover with native plants
- Utilize pine shavings for nesting material
- Fertility dropped
- Nest sites very wet still



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2012-2013

- Continue to refine driftwood and fake plant blinds
- Improve behavioral monitoring of pairs
- Fertility rises
- Successfully hatch under SPEI hens
- Clutch sizes reach more normal levels

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2014-2018

- Second and Third generation birds start breeding
- Fertility increases substantially
- By 2018, most STEI hens incubate full term
- Use of artificial incubation is minimal
- Behavioral monitoring

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Current Challenges

- Complicated nest sites require enormous physical effort in a very short building window
- The large scale use of driftwood resulted in two duckling mortalities in 2018
- Driftwood stays too wet in our climate
- 2018 first asper mortality in our alcid colony

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Looking Forward

- Continue behavioral monitoring
- Reduce the number of nest sites
- Create nest structures with minimal driftwood
- Refine sanitation methods of nest sites



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