

Eyes on The Coast

Barbara Warren

Salem Sound Coastwatch Executive Director
MassBays Lower North Shore Regional Coordinator

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Salem Sound Coastwatch 25th Anniversary Symposium. March 19, 2016
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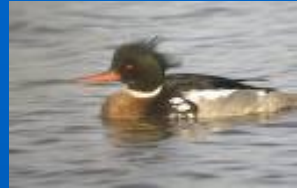
Report to the Community

- Bacterial Monitoring – *water quality* *Efforts*
- Invasive Species *Changes*
- *Winter Waterfowl*
- Salt Marshes *Successes*
- Turbidity in Salem Harbor – *water quality*

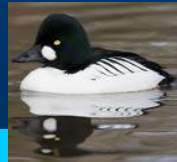
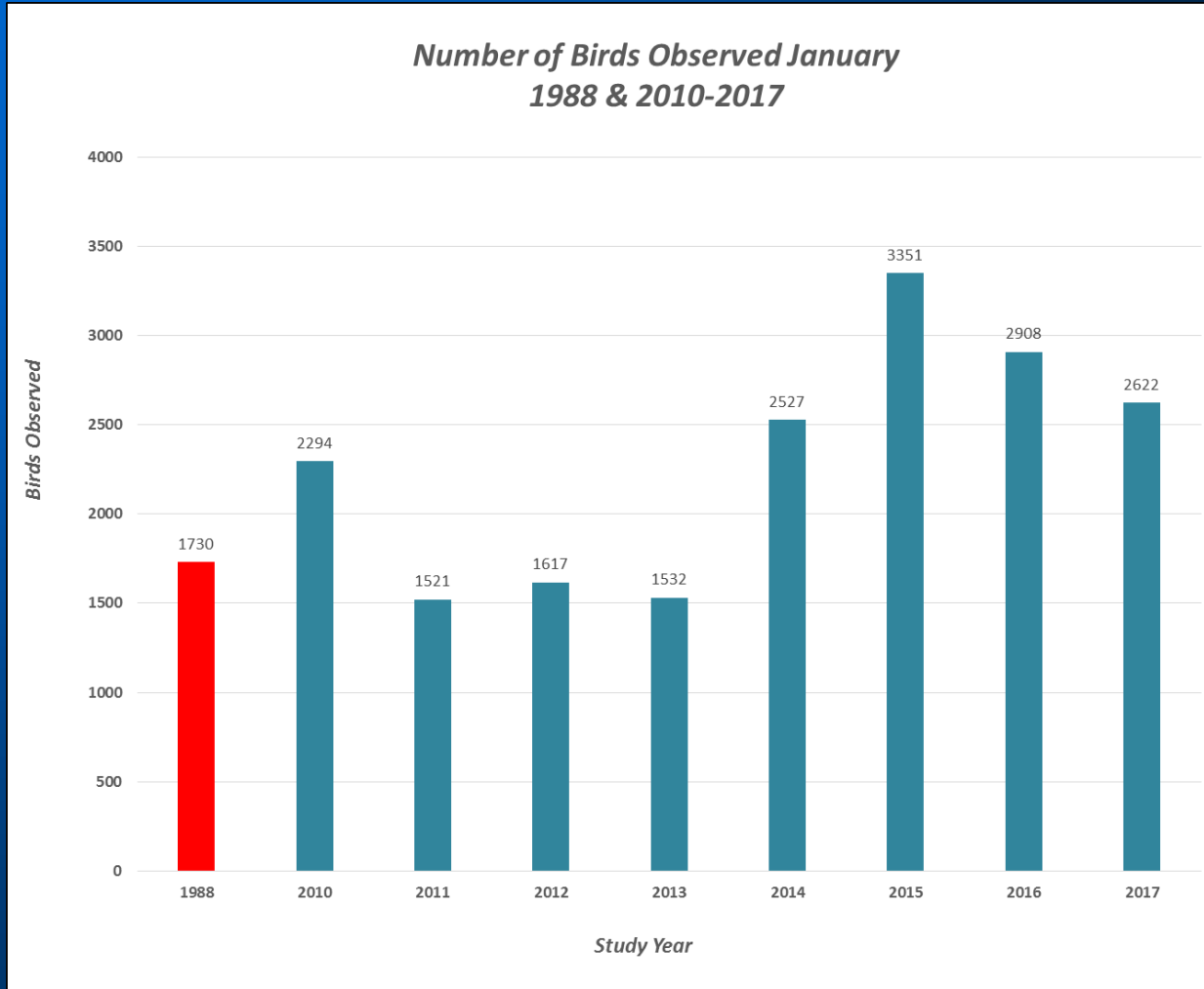
*Citizen Scientists Become
The Local Stewardship Network.*

BioIndicator – Winter Waterfowl

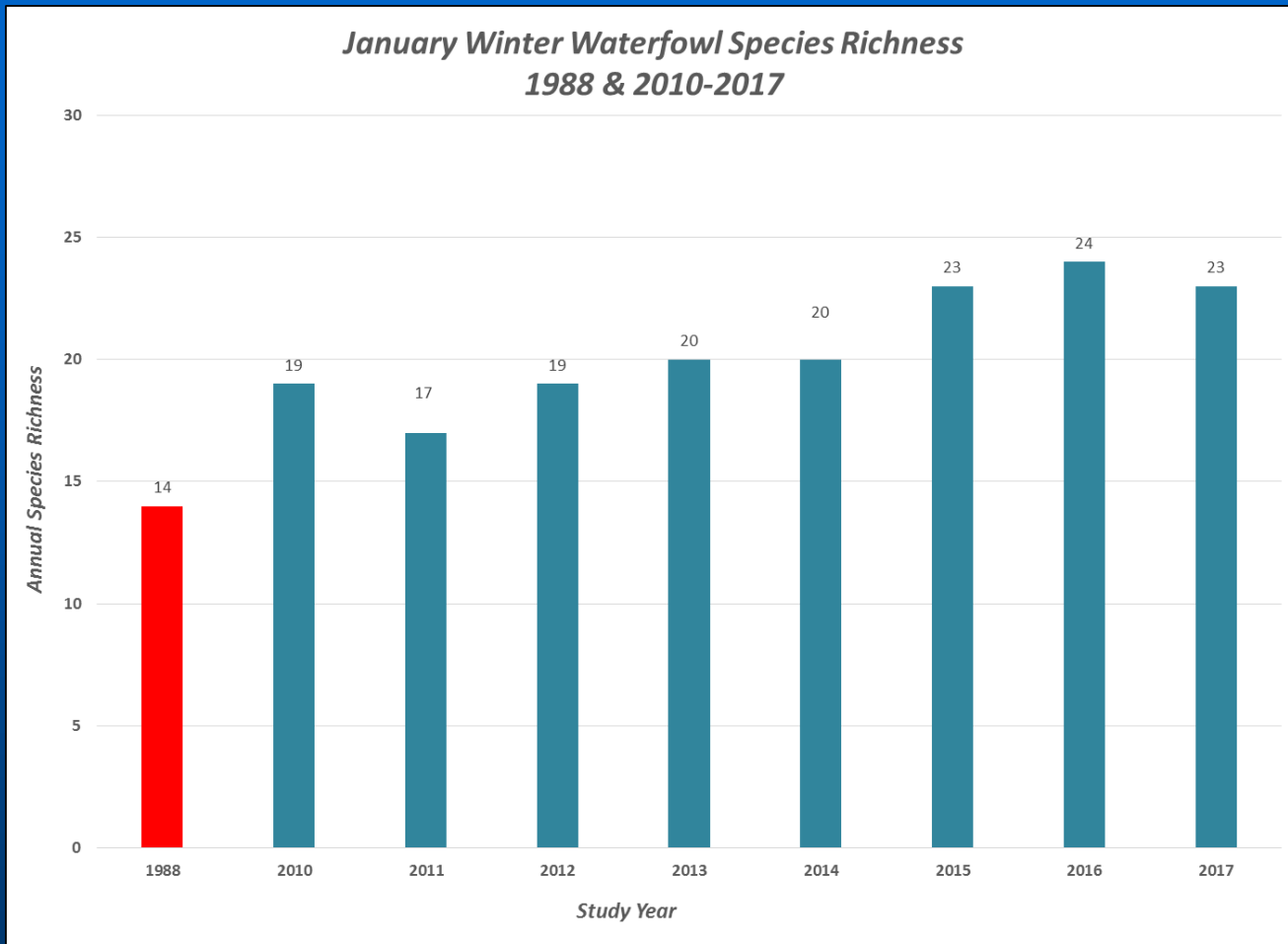
- Migrate from the North for the Winter
- Food and shelter is why they are here
- Salem Sound area missed in Joppa Flats and Boston bird counts
- Robert Buchsbaum collected data in 1988



Winter Waterfowl



Winter Waterfowl



Winter Waterfowl

Species generally not found in Salem Sound

January 2016

1 Northern Shoveler



2 female Harlequin Duck



January 2017

2 Razorbill



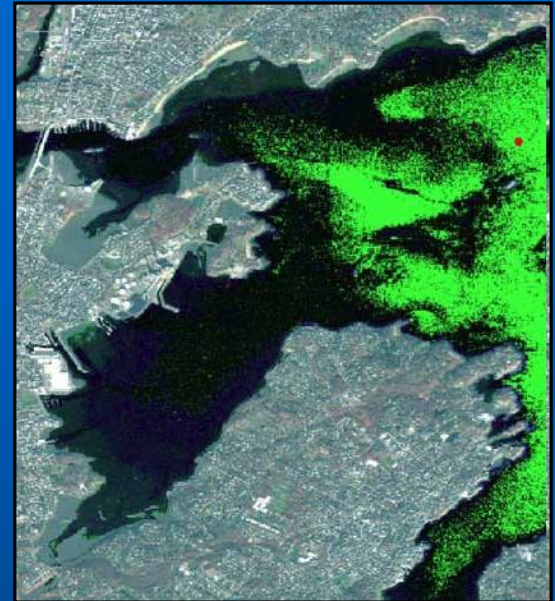
1 Common Murre



Salem Sound Coastwatch with its Volunteers will Continue Documenting Long-Term Changes



Beach landward migration at Salem Maritime Historic Site, Derby Wharf



Chlorophyll-a plume – November 2010



Erosion of bank at Collins Cove, Salem



American oyster catchers nesting in Salem Sound