



# Yorkshire Wildlife Trust



## ELP, Oyster and seagrass restoration

Spurn point nature reserve 2021

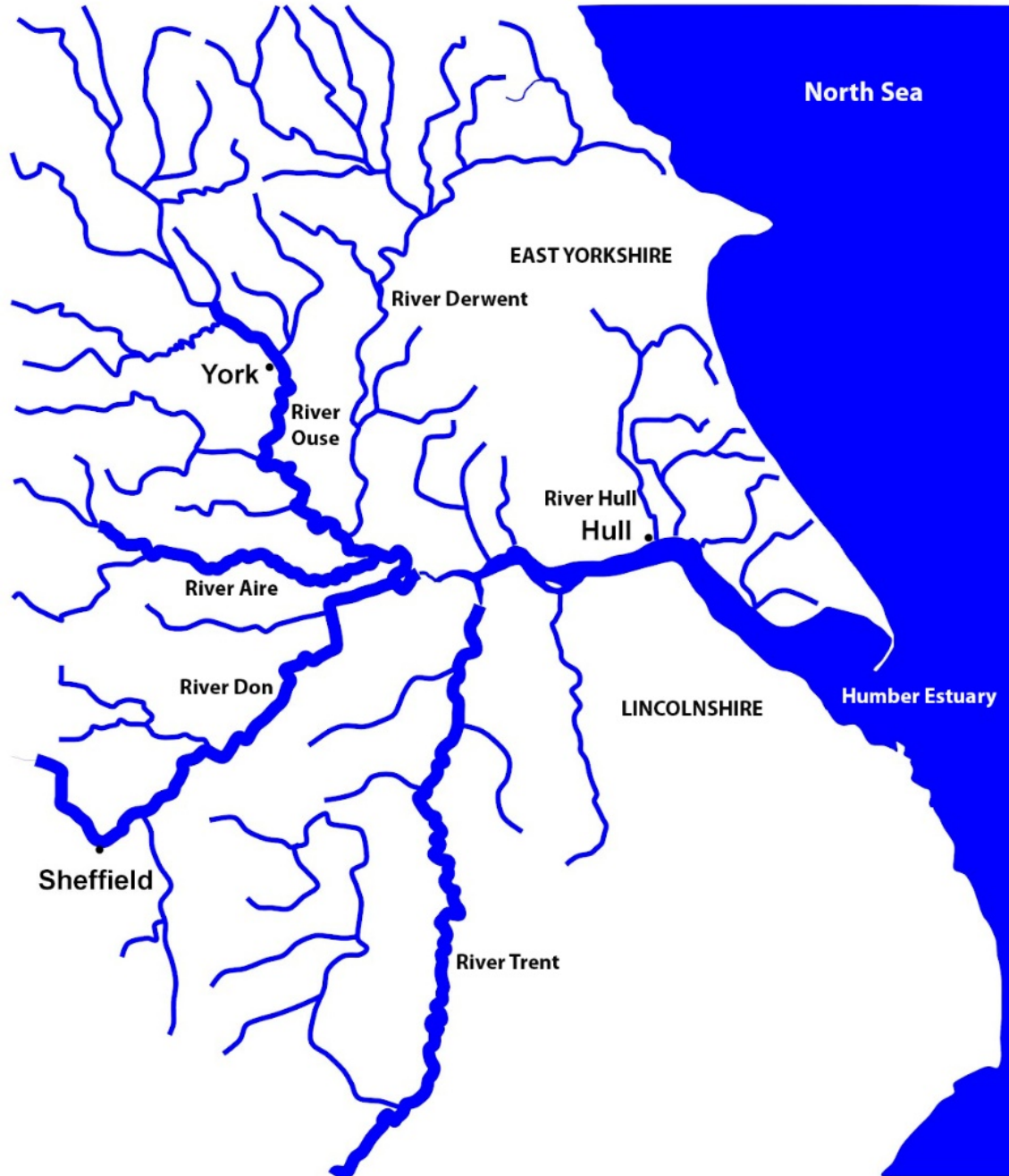
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Andrew Jayes

Native Oyster and Seagrass Restoration Officer

[ywt.org.uk](http://ywt.org.uk)

Yorkshire Wildlife Trust is the only charity  
entirely dedicated to conserving, protecting and  
enhancing Yorkshire's wildlife and wild places



# The Humber Estuary

- East coast of England
- Drainage basin is enormous
- 250 m<sup>3</sup>/s
- 39 miles long
- 9360 Square miles basin



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## Protected for nature

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- EMS, SPA, SAC, RAMSAR, SSSI, Heritage Coast







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# Societal value

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- Fishing industry
- Oyster reefs
- 3 major ports
- Defence







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# Flat oysters – *Ostrea edulis*

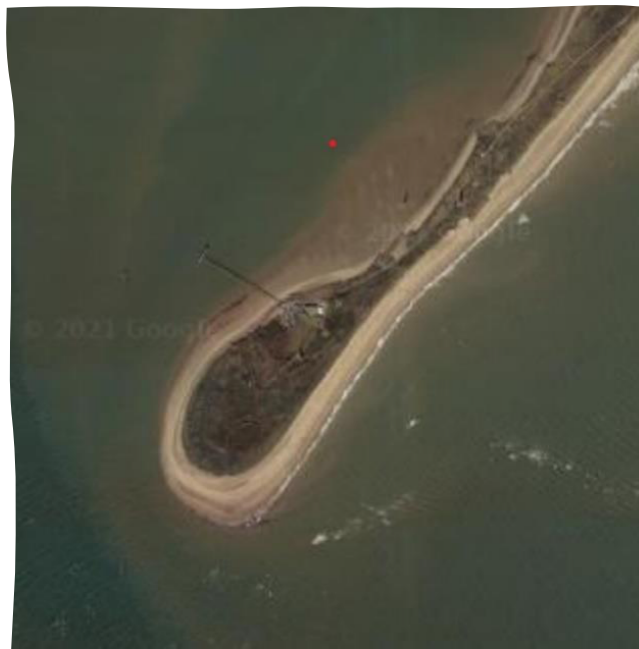
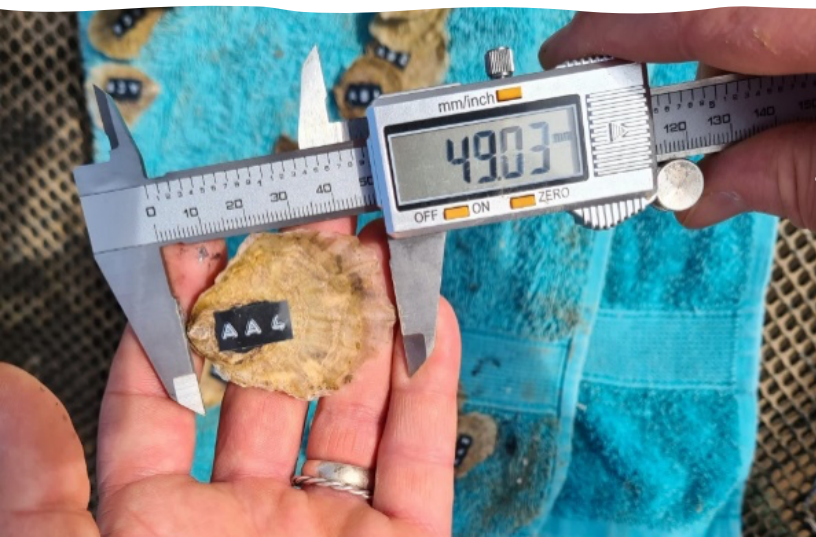
- Ecosystem services
- Reef forming organism
- Coastal protection
- Natural filtration



# Oyster reintroduction

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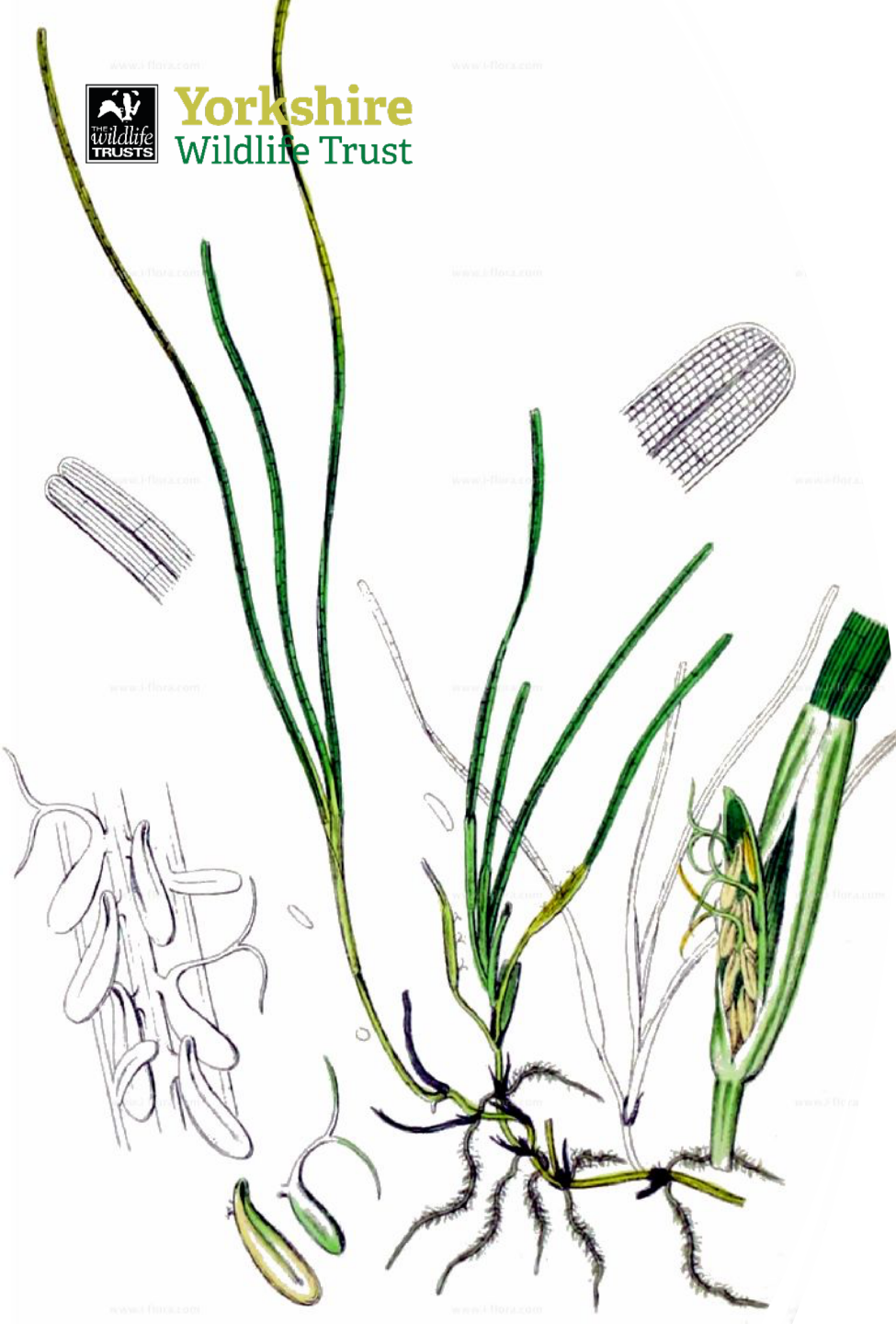
- First stage – Survival
- Second stage – Growth
- Third stage – Breeding







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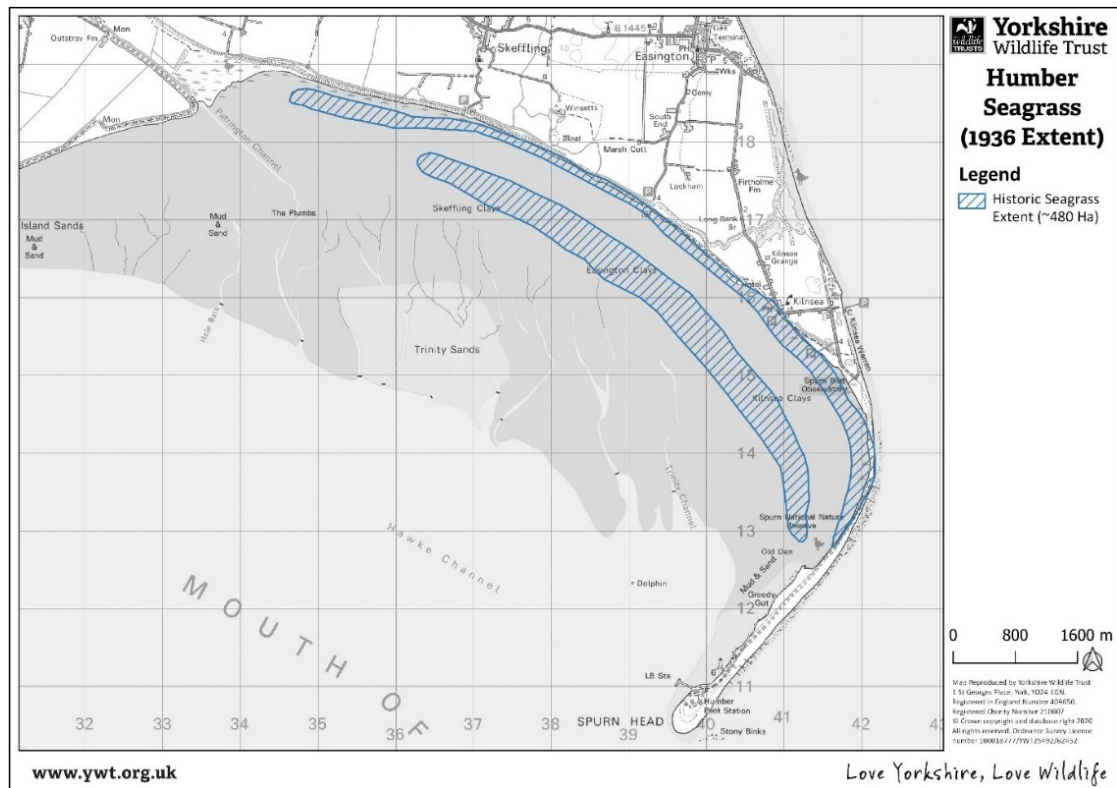
# Dwarf eelgrass – *Zostera noltii*

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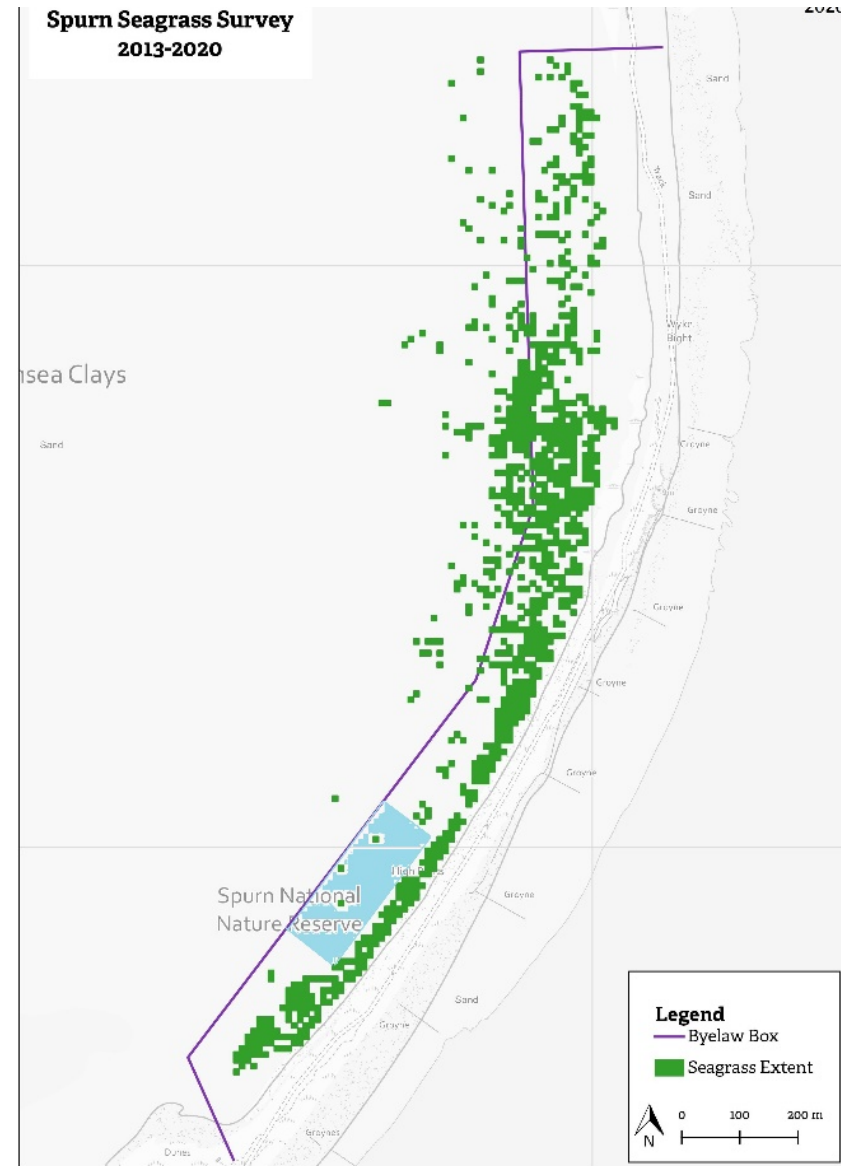
- Marine angiosperm
- 2 UK seagrass species
- Form meadows with a raft of ecosystem services



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### Spurn Seagrass Survey 2013-2020







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# Thank you

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