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**RECOVERY AND REHABILITATION OF THE COMMON SCOTER (*MELANITTA NIGRA*)**

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**Common scoter (*Melanitta nigra*)**

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**History and figures of the oil spill**

- 3-11 February 2008, Island of Föhr, Germany
- 397 birds capture, common scoters (*Melanitta nigra*)
- 90 euthanatized, 307 transported to 2 rehabilitation centers
  - 62 to Weidefeld GE, 239 Fûgelpits NL, 6 lost
- In Föhr only stabilization with tube-feeding and 3 days of pellets.

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**Situation on Föhr GE**

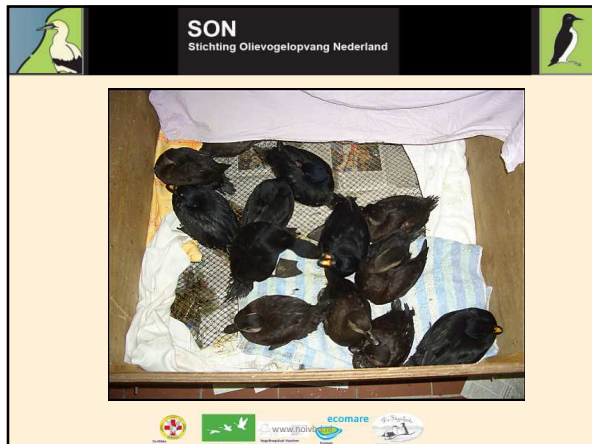
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**Stabilization intensive!!**

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**Tierhaus Föhr Janine Bahr**

- Intake: triage and first cleaning and temporary ring band
- Stabilization: > 2 electrolyte tube feedings
- Body condition, weight, blood and behavior >>Transport to other 2 centers
- Housing in net bottom pens (4-6, 40°C)
- Feeding tube-fed 5-6 times, ad lib pellet/fish



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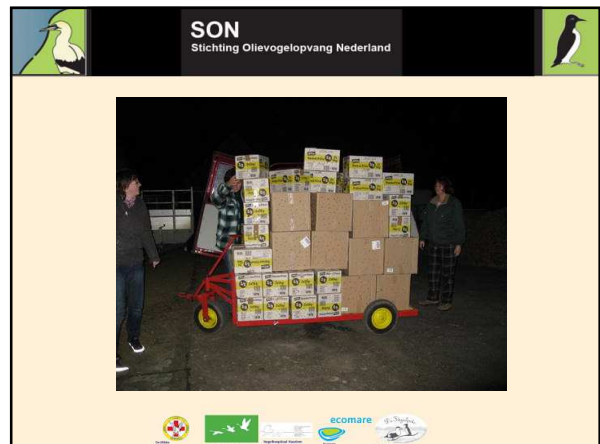
### Rehabilitation Centre Weidefeld GE

- Young rehabilitation experience
- 62 scoters < Föhr GE (6<sup>th</sup> February)
- 6 scoters < Sylt GE
- Total washed 48
- Mortality 16 (10 before/ 6 after washing)
- Euthanized 17 (9 before/8 after washing)
- Released 35 scoters (= 51%)

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### Fûgelpits, Moddergat NL


- Very experiences (founded 1978)
- 239 scoters < Föhr
  - (4 transports, 5<sup>th</sup> 66, 8<sup>th</sup> 85, 10<sup>th</sup> 46, 12<sup>th</sup> 42)
- Cleaned 205
- Mortality 44 (33 /11)
- Euthanized 0
- Released 194 (= 81%)




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### Methods Weideveld GE

- Net-bottom-cages 3-7 (first on papers)
- Manual washing after 7-11 days
- Drying with warmth (> no preening)
- Tube feeding till washing
- After washing pellets and fish
- Blood-sampling at arrival, before washing and before release (PCV, TP and glucose)





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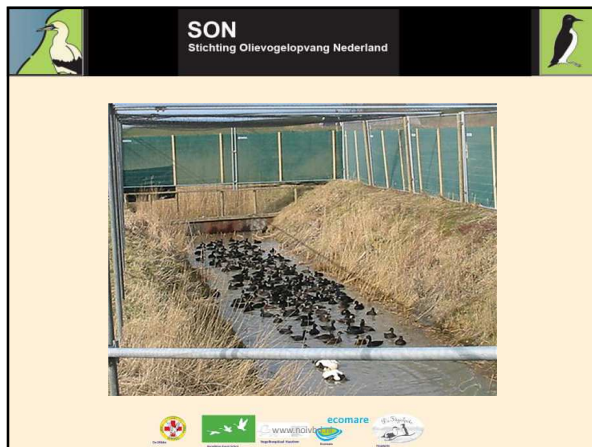
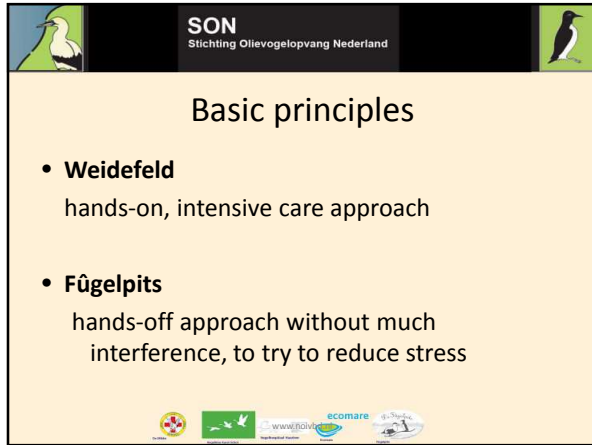
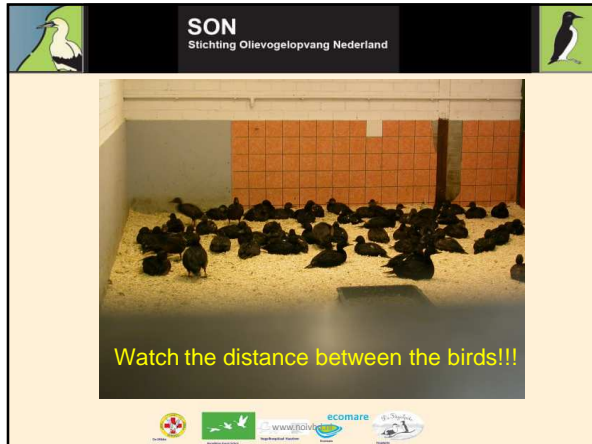


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### Methods Fûgelpits NL

- Open space on wood shavings (>20 birds)
- Washing machine after 7-14 days
- No warmth for drying (much preening)
- No tube feeding
- First fish and pellets (3d), than only pellets
- Blood sampling before release(51 birds; PCV, TP and gluc)





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### Necropsy 32 birds from Fûgelpits

- Hemorrhagic diathesis 14x >> hypoglycaemia
- *Aspergillus* infection 11x
  - Only trachea 7x
  - Air sacs and lungs 4x
- Food lesions 25x (3x serious)
- Parasites 18x
  - Tapeworms 17x, Stomachworm 4x

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### Anorexia >> hem diathesis!!

PA 07 0176 agapornis hemorrhagic diathesis

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### Blood collection ? Y/N?

Ready for washing or release?

2008 Fûgelpits

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### Body weight and blood values

- Weideveld 34 birds released
  - weight 906 grams (742-1070)
  - Ht (PCV) 39 % (32-48)
- Fûgelpits 51 birds
  - weight 933 grams (820-1160)
  - Ht (PCV) 43 % (33-51)

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### Questions? Discussion?