

A dense field of pink roses with green foliage. The roses are in various stages of bloom, and the leaves are a vibrant green. The background is a soft-focus field of more roses, creating a sense of depth.

# **Rosa rugosa**

beauty of flowers or prickle  
of thorns?

Gloria Espinoza  
Anna Frackiewicz  
Tatyana From

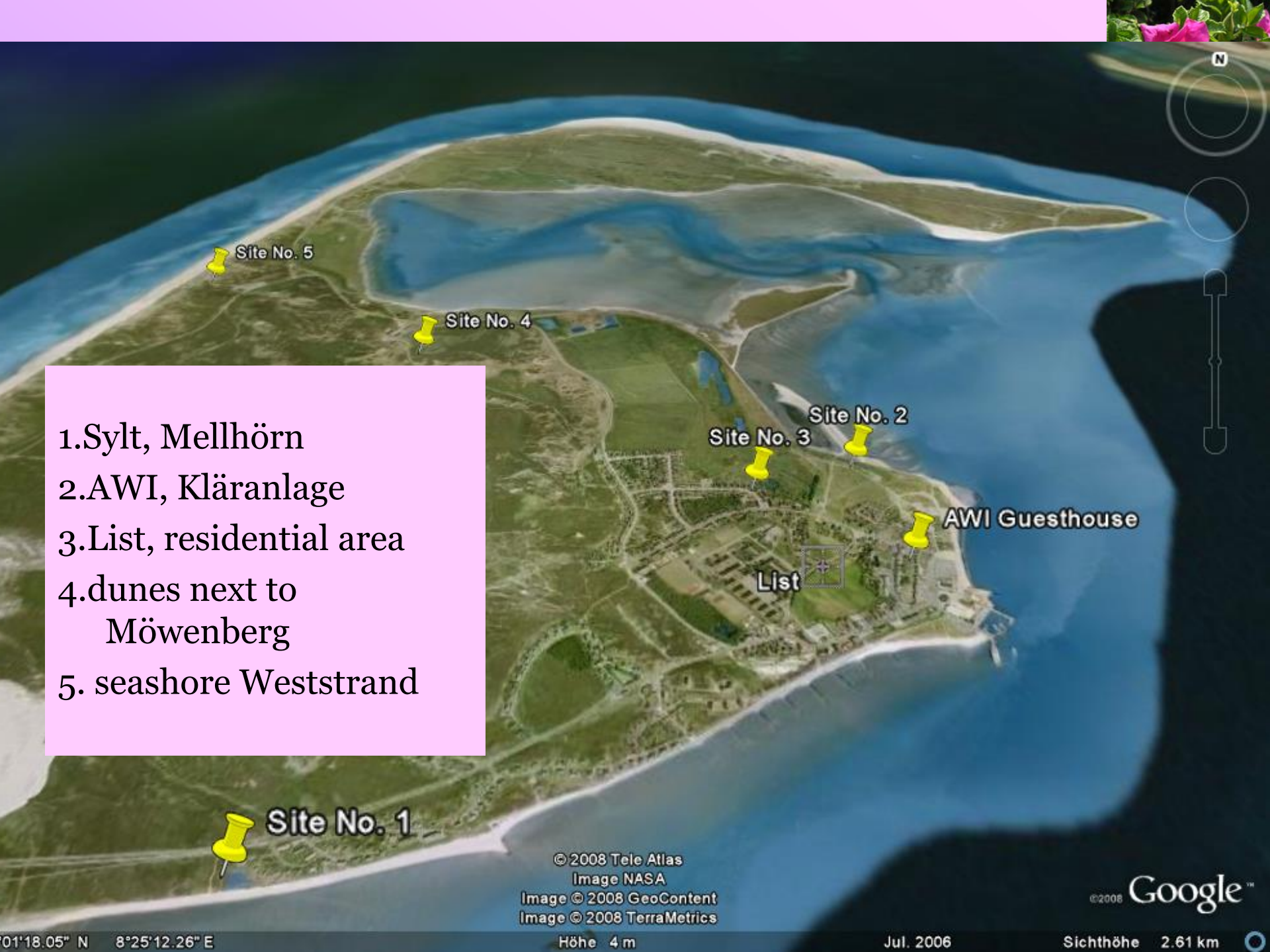


# Where do the wild roses grow?



- Growth form: shrubs of height 0,5-2m
- Flowers: 2-8cm, white or light to dark pink
- Fruits (hips): large and slightly flattened shiny, deep red



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1. Sylt, Melthörn
  2. AWI, Kläranlage
  3. List, residential area
  4. dunes next to Möwenberg
  5. seashore Weststrand

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01°18.05" N 8°25'12.26" E

Höhe 4 m

Jul. 2006

Sichthöhe 2.61 km



# Mellhörn



- Roses: 90% *Rosa rugosa*, 10% *Rosa pimpinellifolia* (dune rose);
- Different types of grasses e.g. *Ammophila arenaria*
- Heathland: *Calluna vulgaris*

# AWI, Kläranlage

- growing even on concrete!
- resistant to seaspray and strong winds
- together with *Rosa pimpinellifolia* and *Ammophila arenaria*
- stabilisation of the coastal zone





# List – residential area

- often use as a fence on stone walls
- planted on purpose, maintained in good condition
- practical and aesthetic values



# Dunes near Mövenberg



- undisturbed growth of native dune rose
- *Rosa rugosa* not found  
→ probable reasons
  - not sufficient amount of nutrients,
  - too dry conditions;





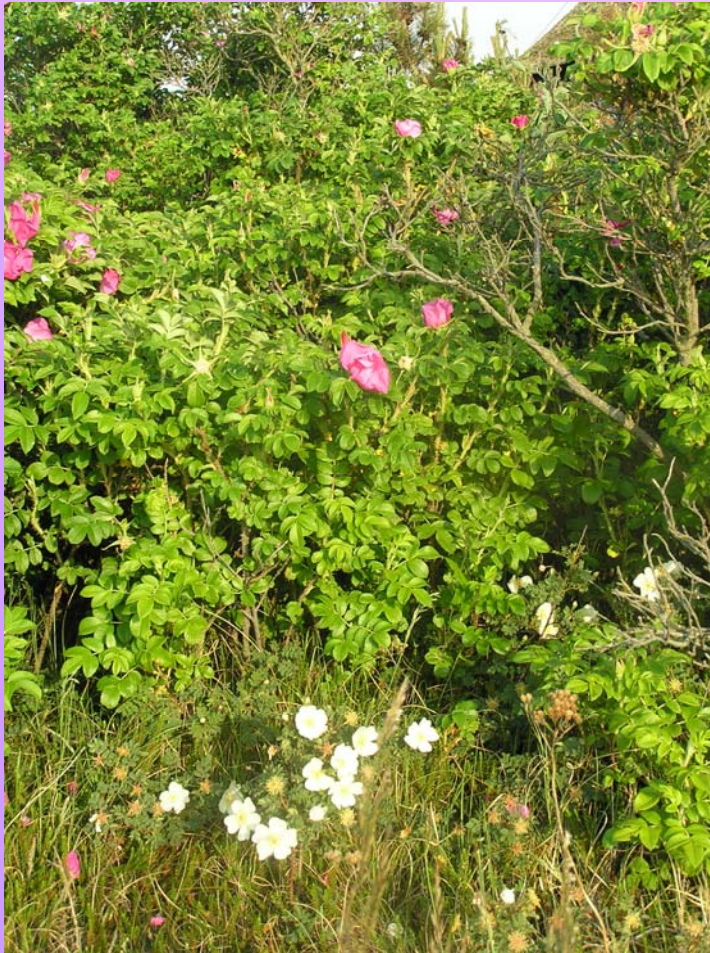
# Seashore at Weststrand



- *Rosa rugosa* is often planted in the places visited by tourists
- limited occurrence at the cliffs on Weststrand



# Problems



- *Rosa rugosa*  
overtakes the natural  
habitat of native rose  
*Rosa pimpinellifolia*
- easy spreading over  
vast areas
- inconvenience for  
tourists, people doing  
sports in certain  
places

# Management proposals



- periodic mowing
- manual removal
- introduction of grazing animals
- using stones for spreading control





# If I show you the rose will you follow?



- high aesthetic values of *Rosa Rugosa* (providing cultural services for the humans)
- hard to control spreading
- **importance of raising awareness of native dune rose**





**Thank you for you attention!**





