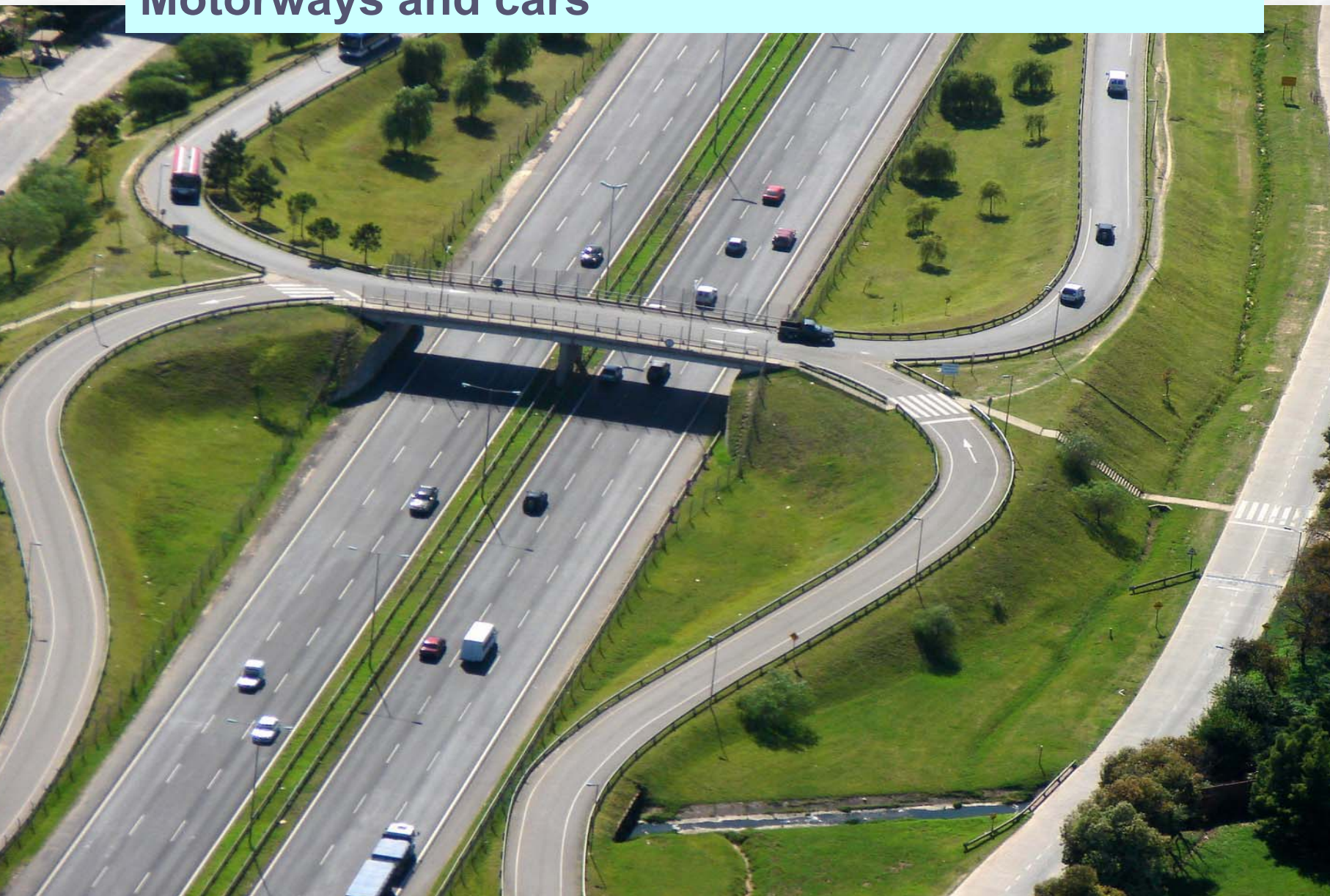


**Ebro delta rice fields and lagoons  
are rest areas on water birds flyways**

# Motorways and cars



# A sing on the way... A rest area





A place where drivers can pause to relax, eat or refuel.



He is getting the truck ready





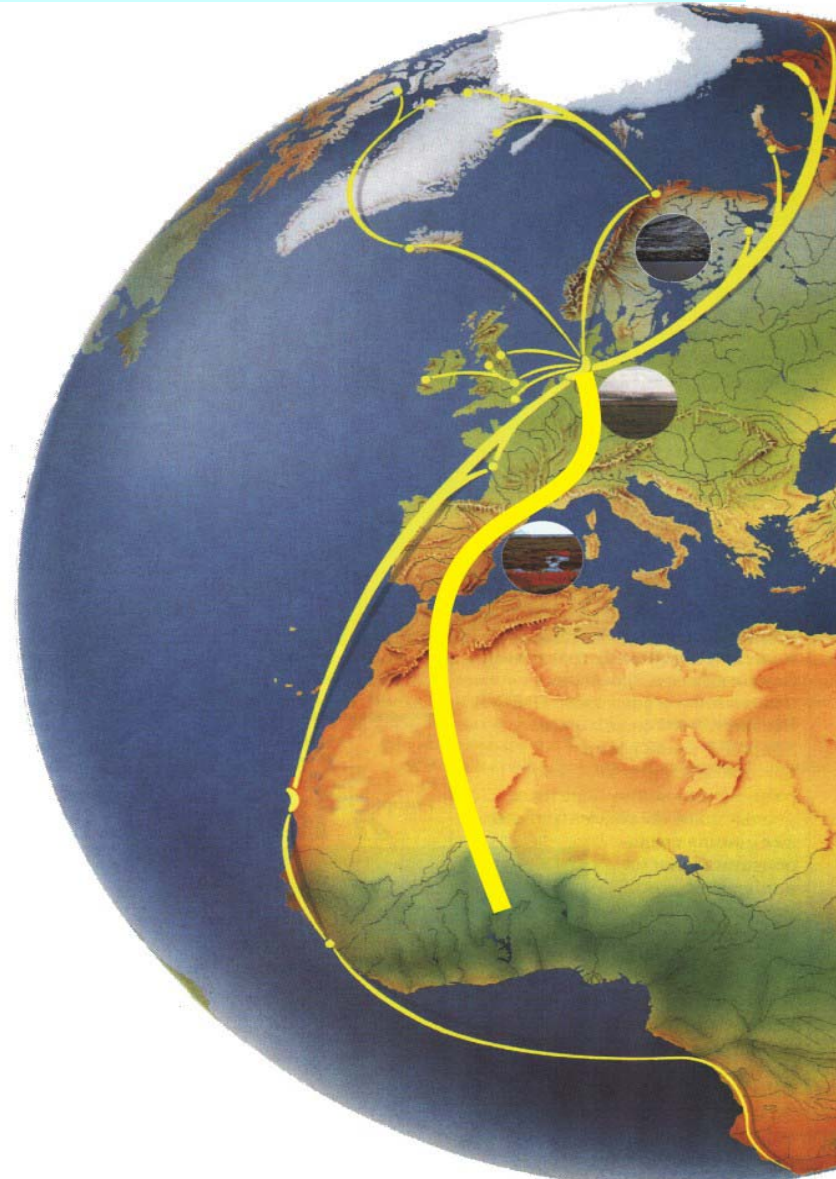
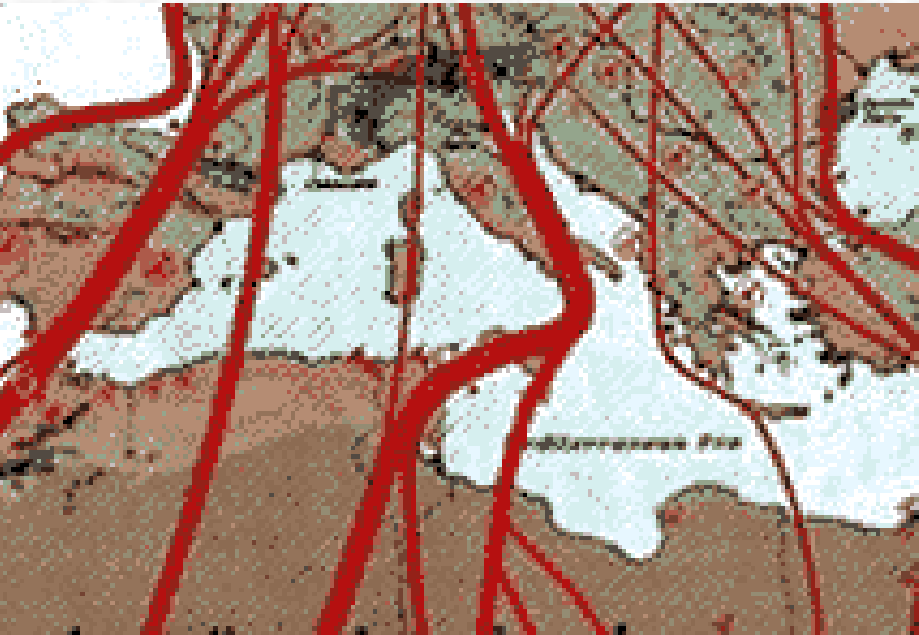
They are eating and having a rest



# Flyways and water birds

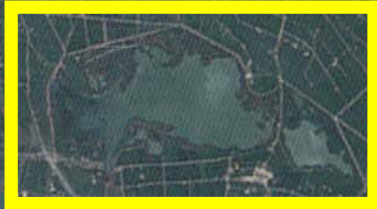


# Flyway on the maps





**A sign on the way... A rest area**





A place where water birds can pause to relax, eat o refuel



Poble Nou del Delta

840 m

© 2007 Europa Technologies

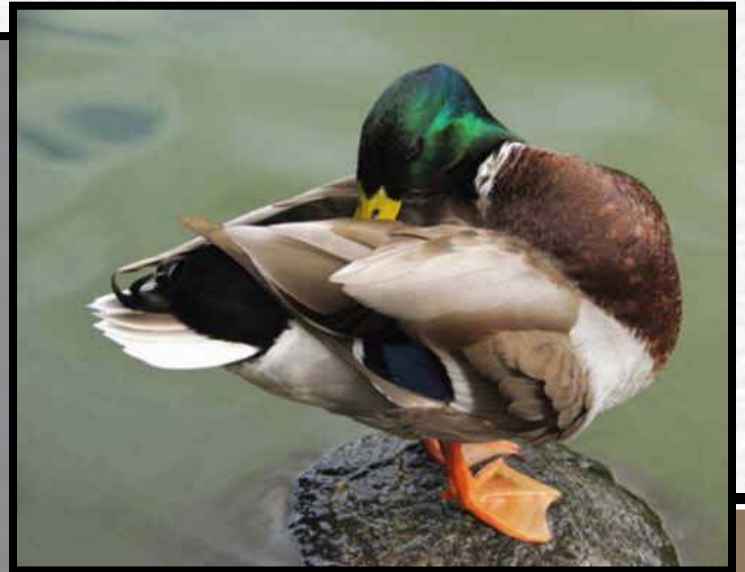
© 2007 Cnes/Spot Image

© 2006 Google

Water birds are getting feathers ready: they are preening.



©2006 Richard Middleton





**Water birds are eating and having a rest**





Himantopus himantopus  
© 2003 Hervé MICHEL <www.oiseaux-nature.com>

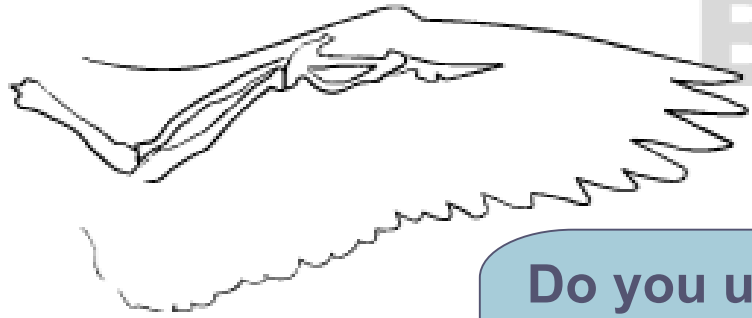
**Hi! I'm a  
black-winged  
stilt. Do you  
wonder why?**

From April

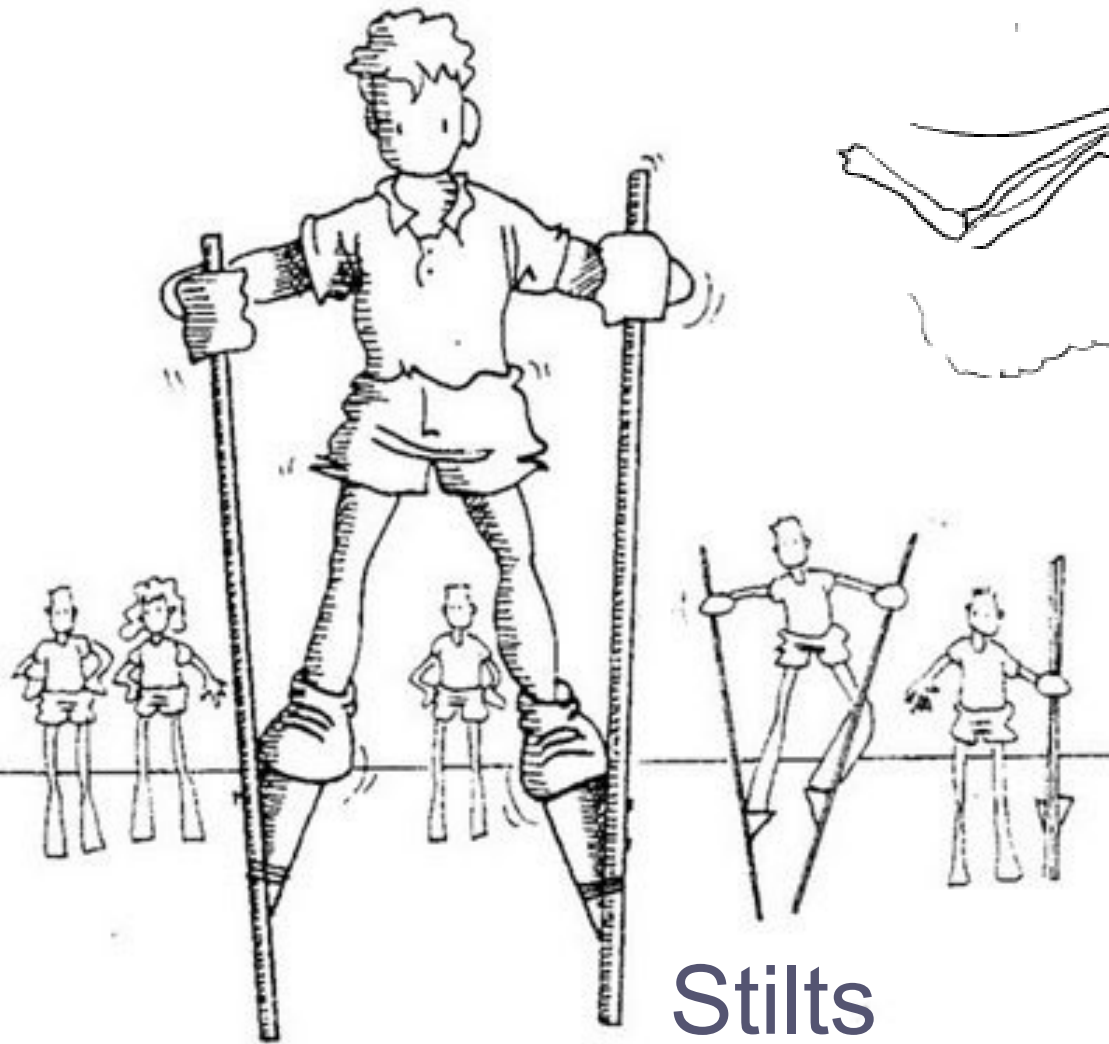


To August

# Bird wing



Do you understand  
the reason for the  
name, now?



Stilts





My average  
height



**38 cm**



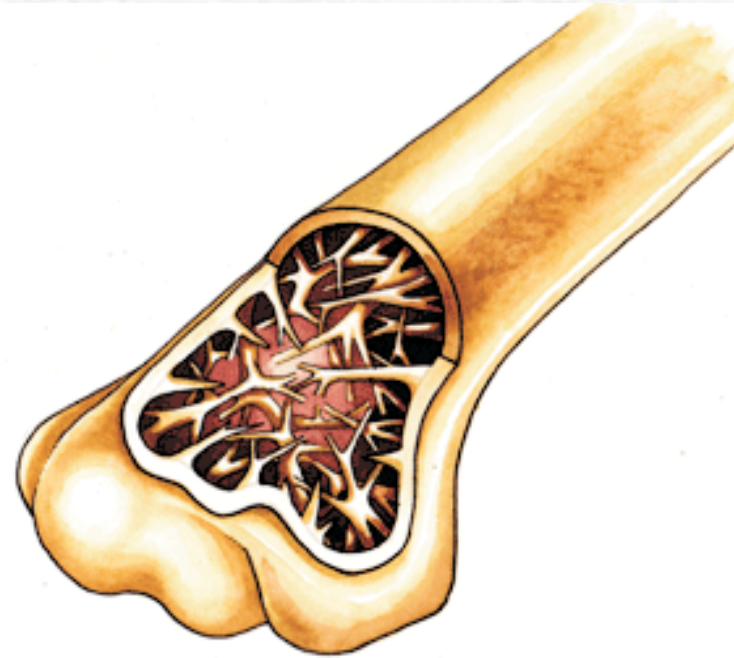
My average  
weight

**215 g**



Himantopus himantopus  
© 2003 Hervé MICHEL <[www.oiseaux-nature.com](http://www.oiseaux-nature.com)>

I feel naked  
without my  
black and  
white feathers!





From April

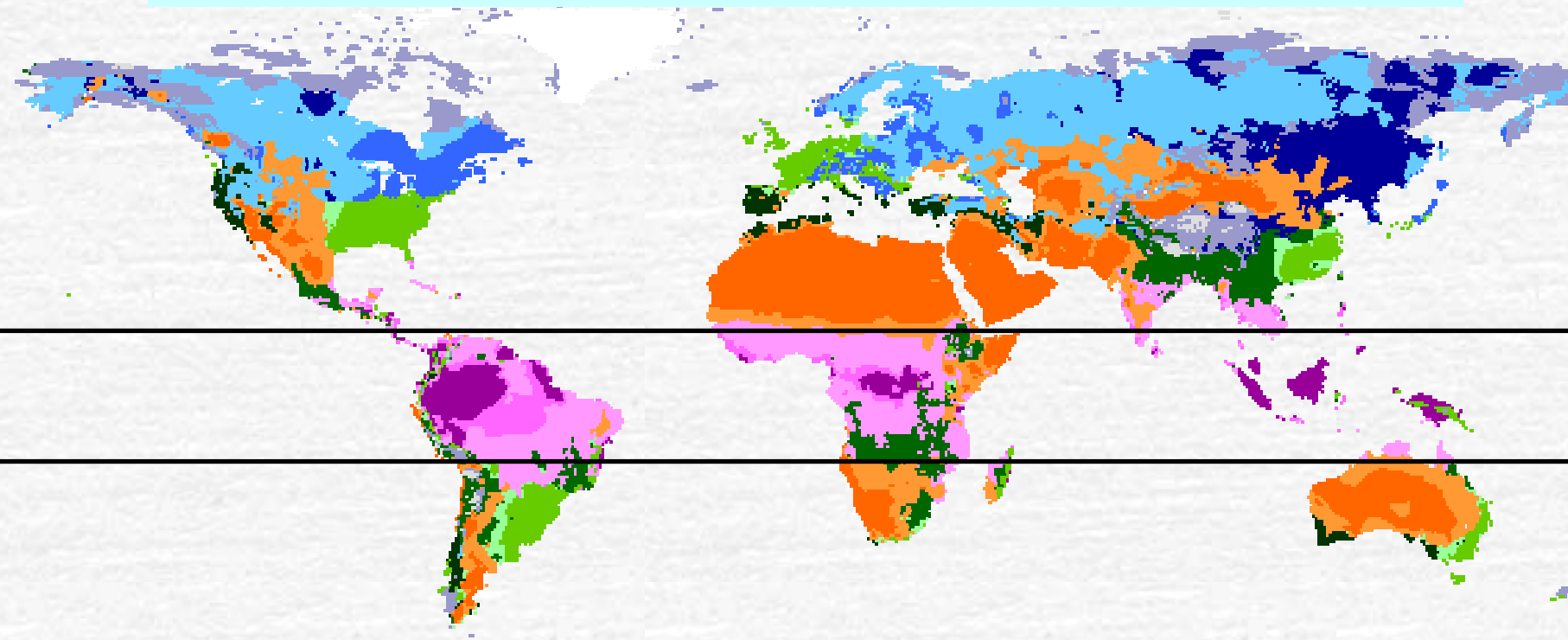


To August



# The weather: Africa forecast

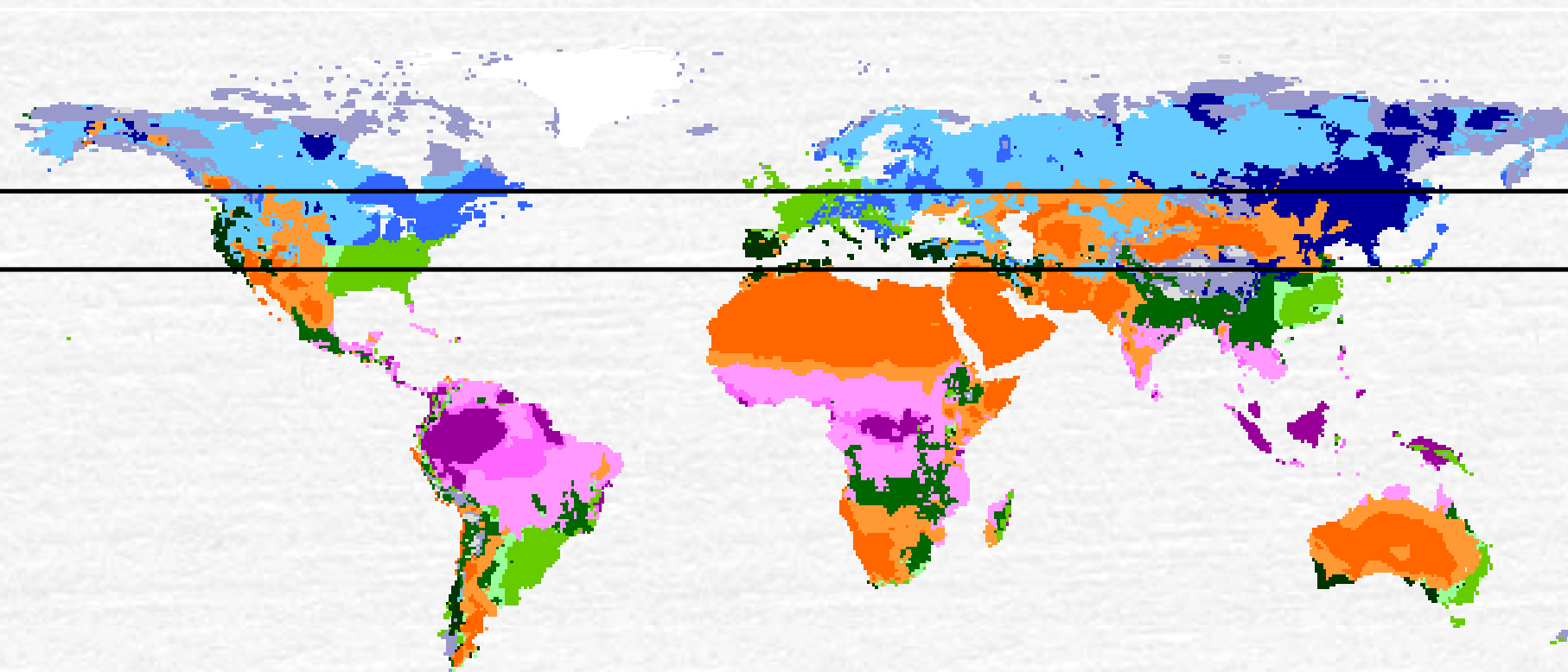
According to temperature and rainfall world conditions there are several climates



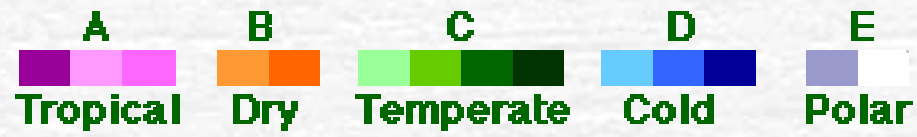
**Köppen's Climate Classification**  
FAO - SDRN - Agrometeorology Group - 1997



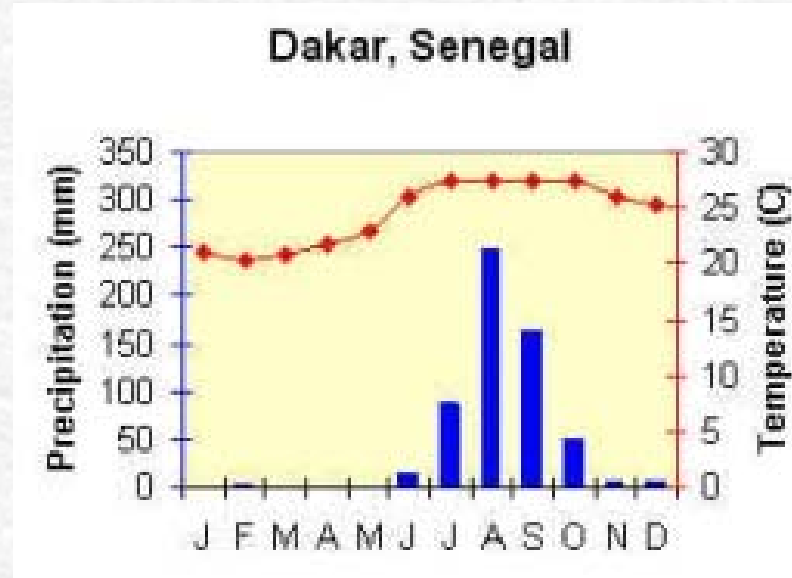
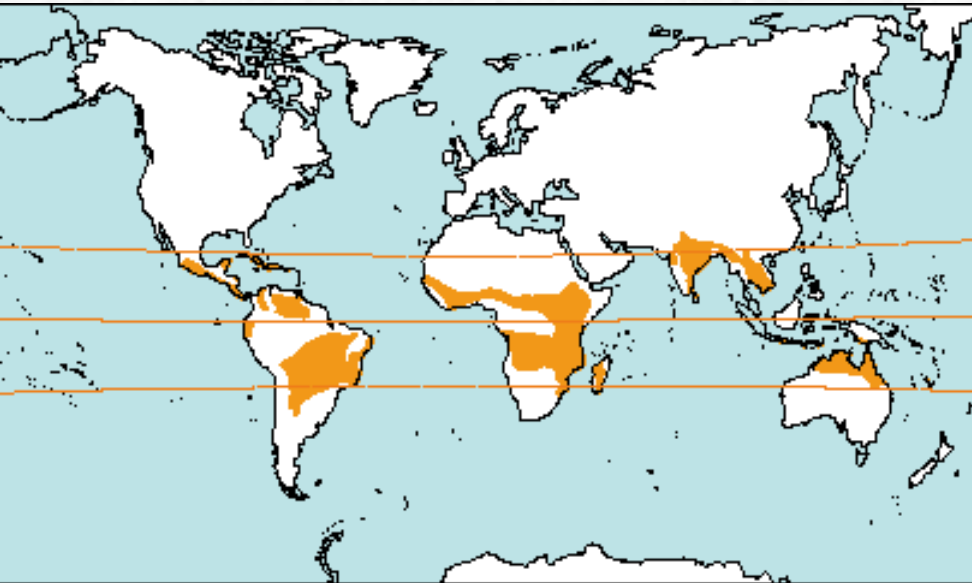




**Köppen's Climate Classification**  
 FAO - SDRN - Agrometeorology Group - 1997



# Tropical wet/dry climate



The climate experiences a wet and a dry season. The tropical wet/dry climate supports a ground cover of drought resistant grasses with scattered trees.



I wonder what will happen to this wetland during the dry season



Oh yes! It will become a 'dryland'!





# Water plants will disappear!





Water invertebrates die or hide under mud and they will disappear too.

All this means...

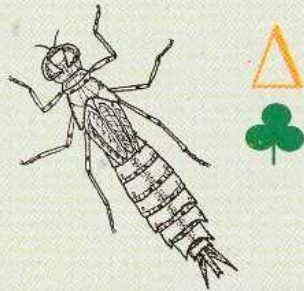
Famine!

3. Sabater



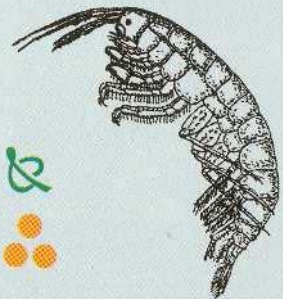
Fins a 18 mm.

7. Larva de libèl.lula



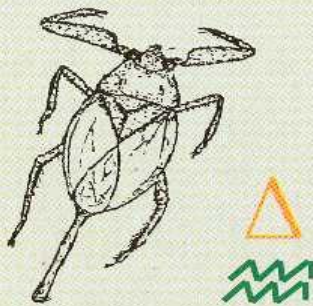
Fins a 70 mm.

25. Gammàrid

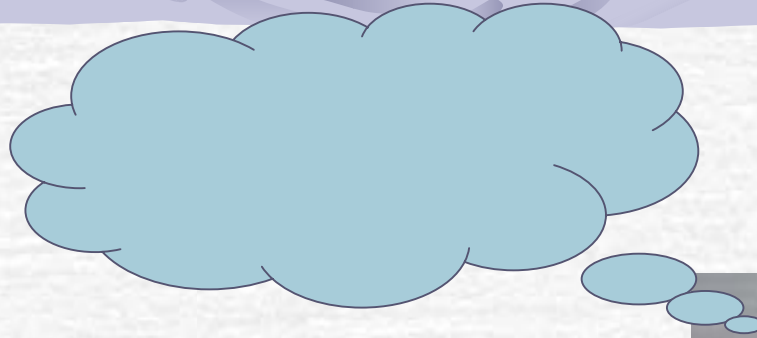


Forma de gamba.  
Fins a 20 mm.

1. Escorpí d'aigua



Fins a 22 mm.



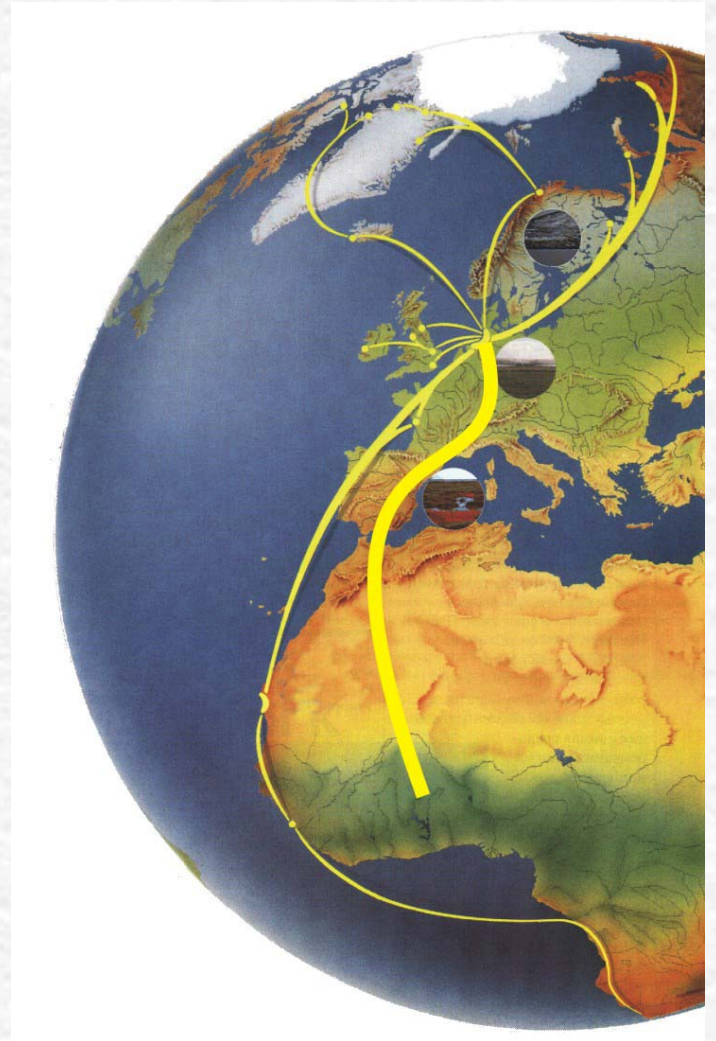
**Do nothing and...**

**Or react and...**

**Migrate towards Northern lands**

# Water bird flyways

Is it worthy?  
What will I find  
there?





**Sometimes,  
Northern  
migration looks  
a bad idea!**



Rice fields and lagoons offer to water birds chances of finding...

**Water**



**Food**



**Shelter**



**Are all rice fields and lagoons available for the winged-black stilt?**

