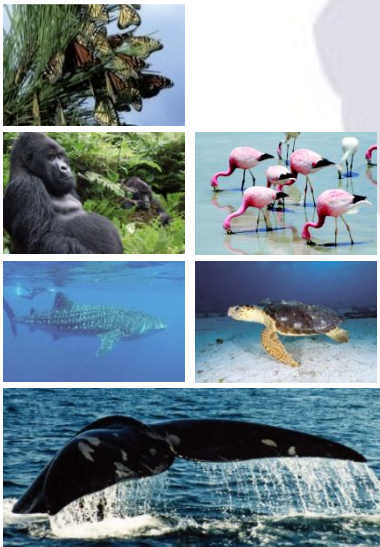


Addressing Climate Change - Work in CMS



Professor Colin Galbraith
CMS Appointed Councillor for Climate Change

This talk

- CMS' work on climate change
- The CMS Working Group on Climate Change
- Resolution 11.26
- Examples of change
- Developing a programme of work
- Priorities for action

Why does CMS work on climate change?

- Wider inter-governmental concerns on climate change, e.g. focus of UNFCCC and regional treaties
- Effects on migratory species - direct and indirect, through mitigation and adaptation
- Migratory species as indicators of change – and important in their own right
- Specific perspective needs to be conveyed to governments and to other organisations

CMS Climate Change Timeline

- April 2014 Costa Rica UNEP/CMS Technical Workshop: Towards a CMS Programme of Work on Climate Change
- November 2014 CoP Quito, Ecuador
- Resolution 11.26 Adopted “Programme of Work on Climate Change and Migratory Species”
 - Assess steps necessary to help migratory species adapt to climate change
 - Address key gaps in knowledge and future research directions - analysis of existing long-term and large-scale datasets

CMS Climate Change Timeline

- Resolution 11.26
 - Organize regional and sub-regional workshops to promote implementation of POW
 - Strengthen national and local capacity
 - For conservation action, take into account climate-induced range shifts
 - Secretariat to promote synergies and coordinate activities with other MEAs – today is an important event

The CMS Working Group on Climate Change

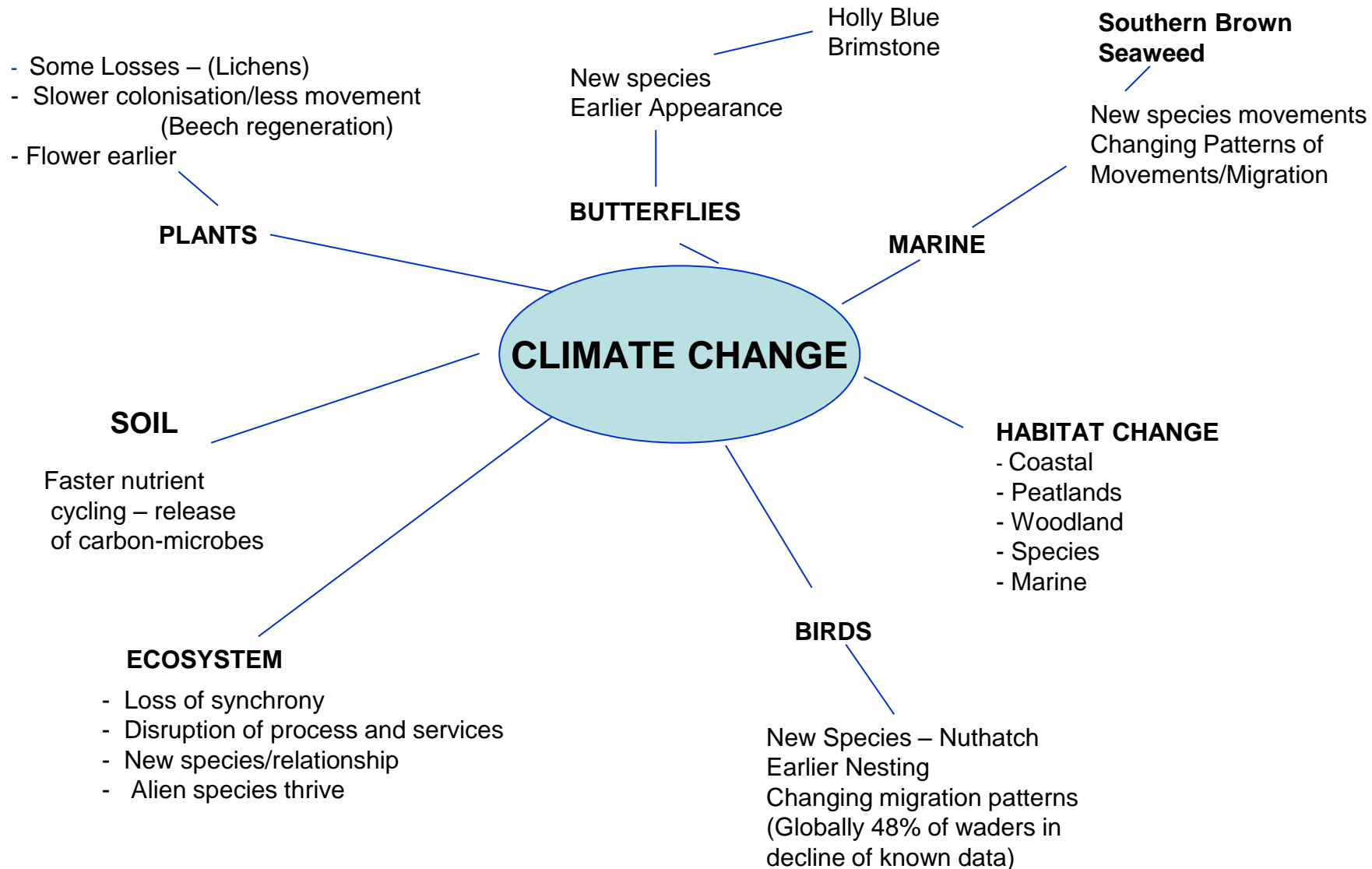
Tasks

- Assess the current situation and highlight emerging issues regarding migratory species and their vulnerability to climate change
- Identify and prioritize options for future research and for national and international action to improve the adaptive capacity of migratory species

What is happening and what can be done?

- Recent science
- Active debate on priorities for action
- Previous focus on mitigation
- Lack of effective evidence base on long-terms trends of biodiversity
- Lack of capacity in many countries

Climate Change – Multiple Effects on the Natural Heritage (Scotland)



Significant change – happening now in Costa Rica



Summary so far

- Rapid, complex and uncertain change
- Interdependent ecosystems and issues
- People are root of problem and source of the solution
- Need to use existing evidence base
- Adaption required to increase resilience and overall capacity to adapt

What are the challenges – for us?

- Understand the interactions between physical, biological and chemical processes
- Take action – risks are a necessary part of conservation action
- Develop our ideas on resilience, adaptation and mitigation
- Recognise that long term studies are invaluable

The Programme of Work

- A holistic approach
- Global level
- Focusses on the key problems and issues
- Requires resources
- Require partnership and coordination

The Programme of Work - Contents

- Measures to facilitate species adaptation in response to climate change
- Vulnerability assessment
- Knowledge exchange
- Monitoring and research

The Programme of Work – Contents continued

- Climate change mitigation, human adaptation, and land use planning
- Capacity building
- Cooperation and implementation

Challenges- to deliver the Programme of Work

- Challenge 1 To communicate: science-policy
- Challenge 2 To take a holistic view
- Challenge 3 To use existing science
- Challenge 4 To prioritise
- Challenge 5 Focus on and to take action

Developing a coordinated approach

- A new way of conservation thinking, working and delivering in partnership?
- Needs resources
- Develop a common set of priorities
- Need examples of good practice and successes
- Communication to governments