# DRAFT IUCN GUIDELINES
# "Areas of Connectivity Conservation"

1. DRAFT GUIDELINES ARE AVAILABLE AT:
   http://stage.protectedplanet.net/

2. THERE IS A CALL FOR COMMENTS ON THE DRAFT GUIDELINES

3. THEY ARE DUE BEFORE FRIDAY 8 SEPTEMBER 2017

4. SEND YOUR COMMENTS TO: g.worboys@bigpond.com

Dr Graeme Worboys, Co-Vice Chair, Connectivity Conservation and Mountains

IUCN World Commission on Protected Areas

# "AREAS OF CONNECTIVITY CONSERVATION" THE GUIDELINES IDENTIFY:

- What they are

- Underpinning science

- Criteria for identification

- Different Types

- Governance

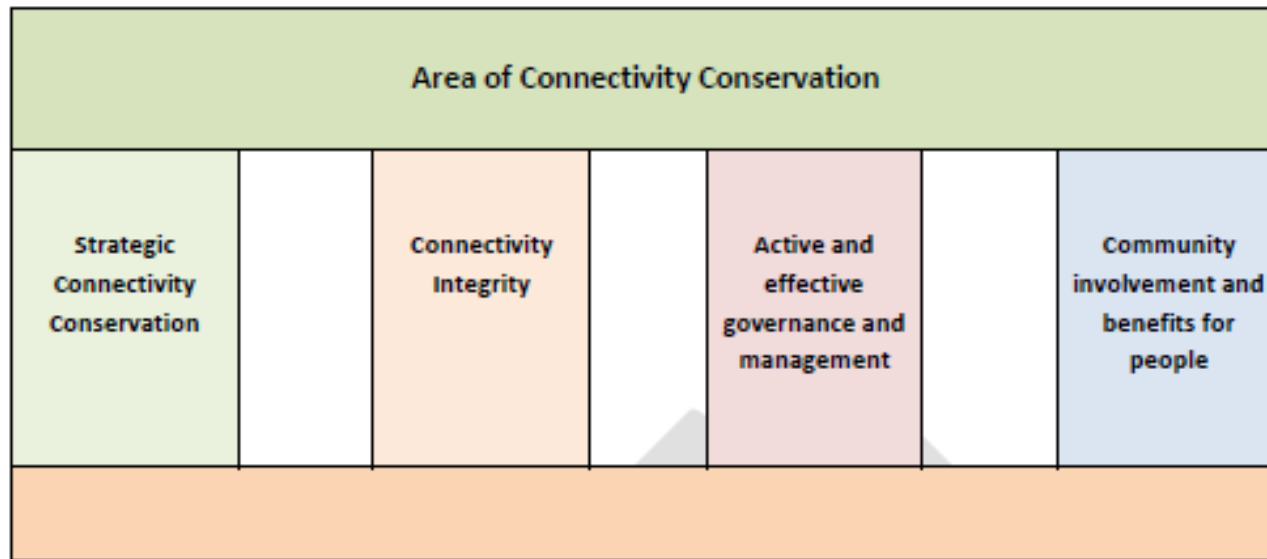# DRAFT GUIDELINES ARE AVAILABLE FOR DISCUSSION

# INCLUDES: A DEFINITION

An **Area of Connectivity Conservation** is:

*"A recognised, large and/or significant spatially defined geographical space of one or more tenures that is actively, effectively and equitably governed and managed to ensure that viable populations of species are able to survive, evolve, move and interconnect within and between systems of protected areas and other effective area based conservation areas. The vision and purpose of an Area of Connectivity Conservation is to connect protected areas and other effective area based conservation areas and to maintain or restore ecosystem function and ecological and evolutionary processes of species and ecosystems across (and between) landscapes, freshwaterscapes or seascapes for biodiversity conservation in areas that may also be used and occupied for a variety of human purposes, so that people and other species are able survive and to adapt to environmental change, especially climate change".*

# INCUDES: FOUNDATION CONCEPTS

| Area of Connectivity Conservation | | | | | | |
|---|---|---|---|---|---|---|
| Strategic Connectivity Conservation | | Connectivity Integrity | | Active and effective governance and management | | Community involvement and benefits for people |
| | | | | | | |

# INCLUDES: ESTABLISHMENT CRITERIA

# INCLUDES: ACC GOVERNANCE

| ACC TYPE | Governance by government | | | Shared governance | | | | Private governance | | | Governance by indigenous peoples and local communities | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Leadership by federal or national ministry/agency in charge | Leadership by sub-national ministry or agency in charge | Leadership by Government delegated management (eg to a NGO) | Multi-nation governance leadership group | Transboundary governance leadership group | Collaborative leadership (various forms of pluralistic influence | Joint management (pluralist management board) | Leadership by individual private landowner(s) | Leadership by non-profit organisations such as NGOs | Leadership by for-profit organisations such as corporate owners, co-operatives | Leadership by local communities | Leadership by indigenous peoples | Leadership by ICCAs that are declared and run by local communities |
| 1a | | | | | | ☑ | | | | | | | |
| 1b | | | | | ☑ | ☑ | | | | | | | |
| 2a | | | | | | ☑ | | | | | | | |
| 2b | | | | | | ☑ | | | | | | | |
| 3a | | | | | | ☑ | | | | | | | |
| 3b | | | | ☑ | | | | | | | | | |
| 4a | | | | ☑ | | | | | | | | | |
| 4b | | | | ☑ | | | | | | | | | |

# IDENTIFIES EIGHT TYPES
## TYPE 1a: Terrestrial Species Movement

# TYPE 1b: Terrestrial Large Scale Migration



Wildebeest, Tanzania, Source: Tanzania On Foot, web commons

# TYPE 1b: Large Scale Migration - Significant Area of Connectivity Conservation



Christmas Isand Red Crab Migration, Source: Environment Australia Web Commons
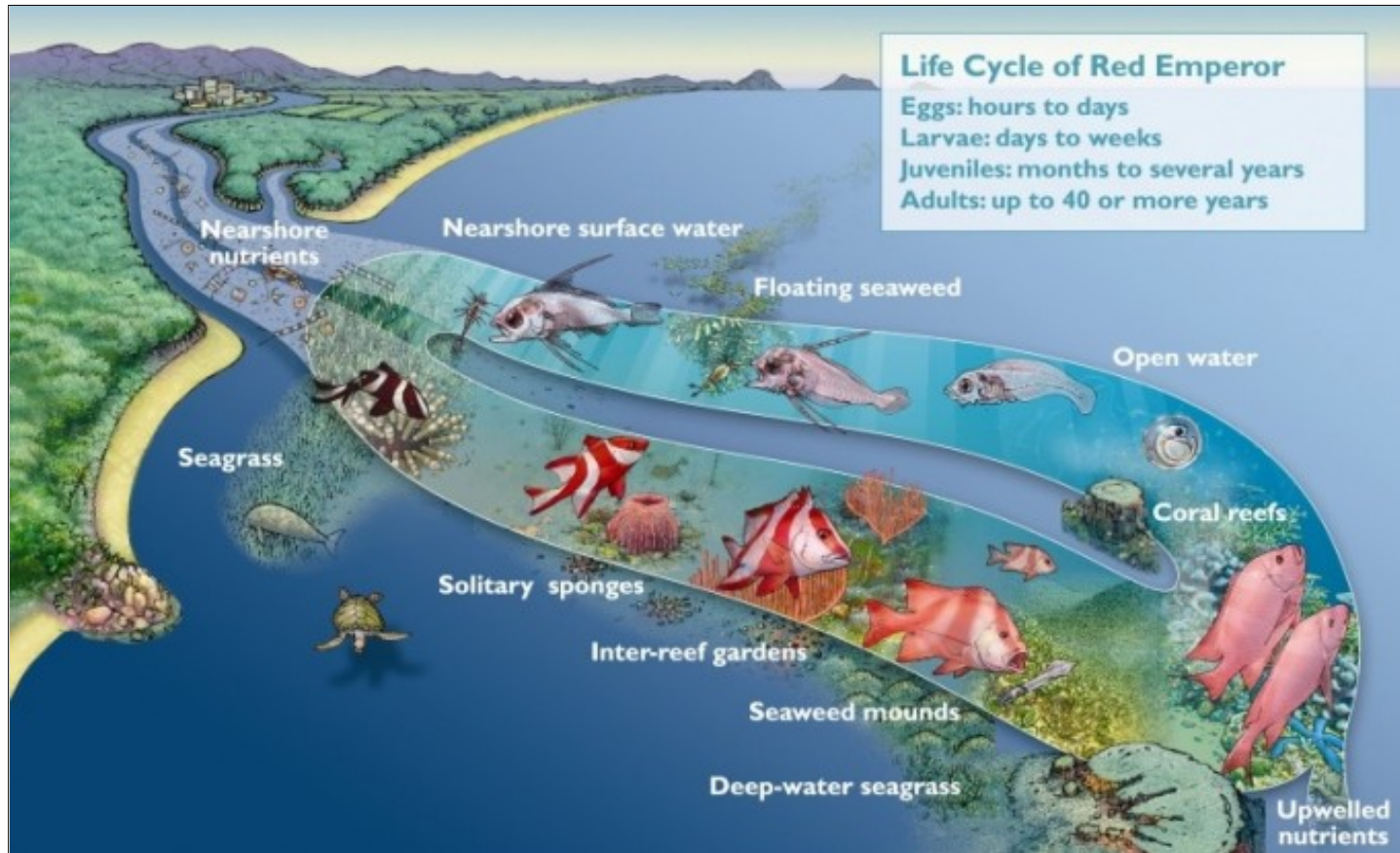
# TYPE 2a: Freshwater Species Movement



Australian spangled perch that compulsively migrates against the stream flow as part of its dispersal, Source: www.fishesofaustralia.net.au , web commons

# TYPE 2b: Fresh Water Large Scale Migration

# TYPE 3a: Marine – Species Movement

# TYPE 3b: Marine - Large Scale Migration



Humpback whale migrating south to Antarctica, near Ben Boyd National Park, NSW

# TYPE 4a: Bird Flyway – Large Scale ACC



Short-Tail Shearwater, near Ben Boyd National Park, on route to Tasmania from the Northern Hemisphere
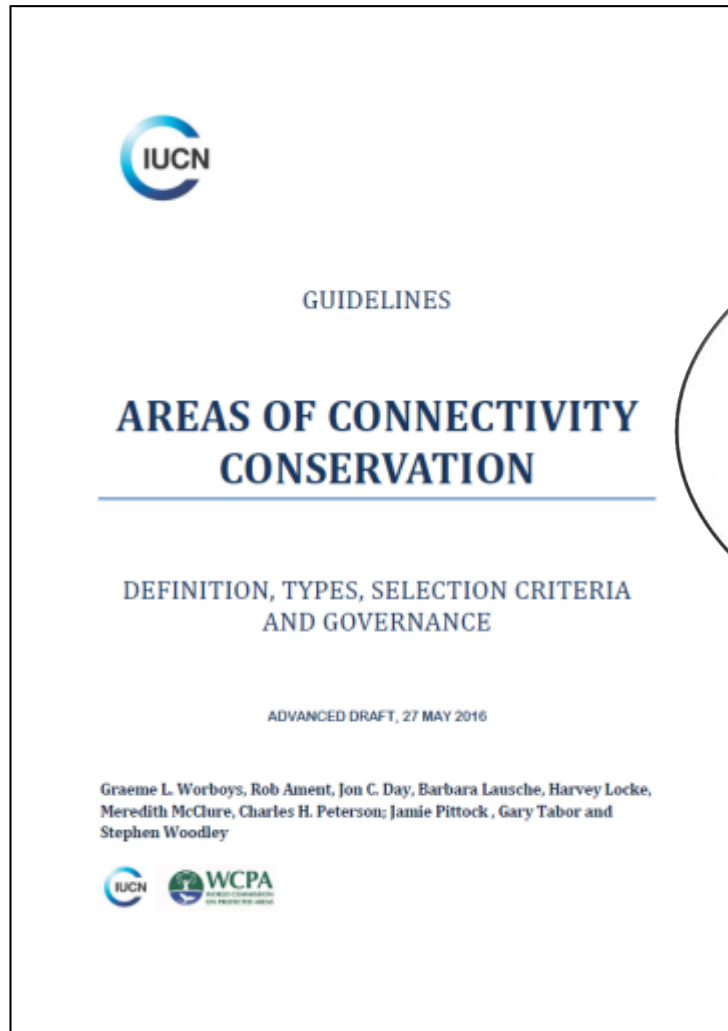
# TYPE 4b: Flight Migration (Non-Birds)



Monarch Butterfly, Mexico, Source: www.theapicult.com web commons

# DRAFT ACC GUIDELINES: FEEDBACK IS SOUGHT
## (TO SEPTEMBER 2017)



GUIDELINES

## AREAS OF CONNECTIVITY CONSERVATION

DEFINITION, TYPES, SELECTION CRITERIA
AND GOVERNANCE

ADVANCED DRAFT, 27 MAY 2016

Graeme L. Worboys, Rob Ament, Jon C. Day, Barbara Lausche, Harvey Locke,
Meredith McClure, Charles H. Peterson; Jamie Pittock , Gary Tabor and
Stephen Woodley

# DOWNLOAD DRAFT ACC GUIDELINES: PROTECTED PLANET WEBSITE



Connectivity Conservation aims to strengthen the protection of biodiversity, enhance the provision of ecosystem services, and increase resilience to climate change.
**Learn more**

Connectivity Conservation
http://stage.protectedplanet.net/

# SEND COMMENTS TO GRAEME WORBOYS



**g.worboys@bigpond.com**