

# REGULATING SPECIES REINTRODUCTION (Work In Progress)

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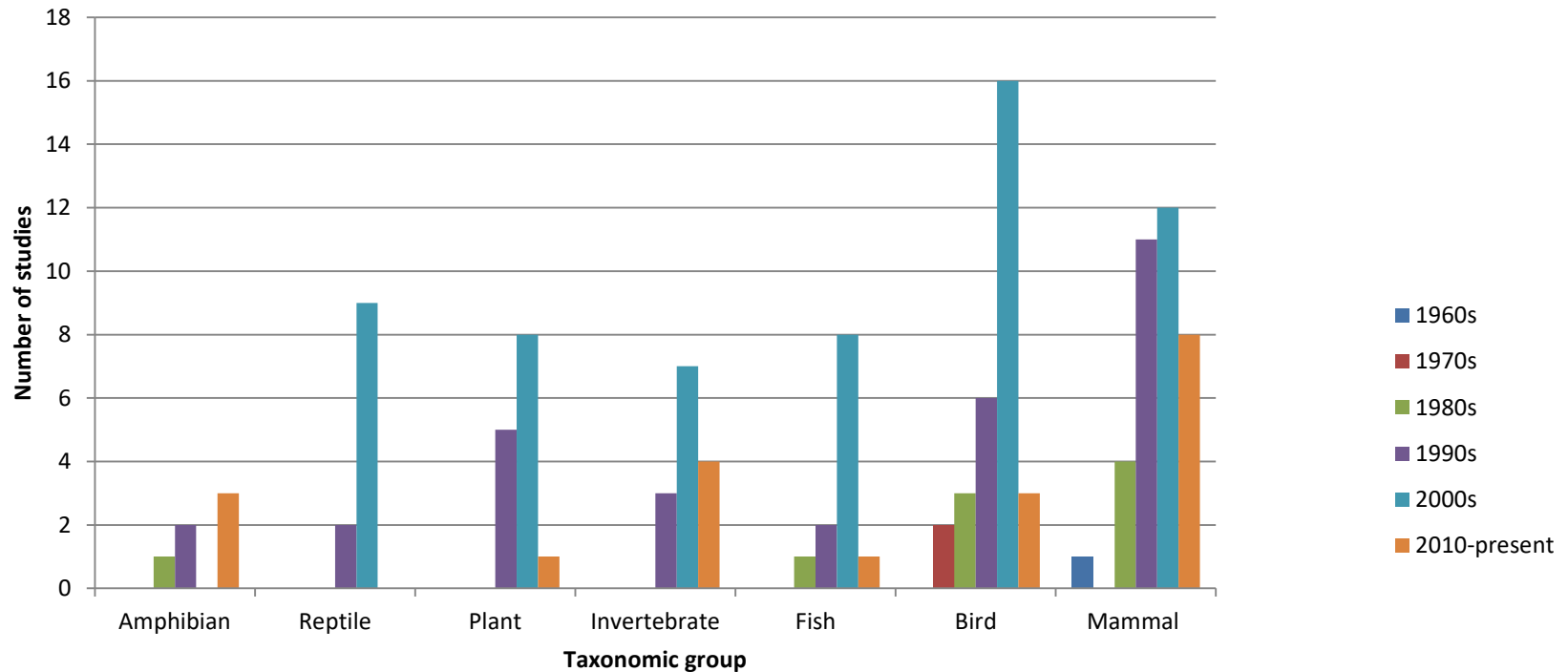
# What is species reintroduction?



# Factors Affecting Success of Species Reintroductions from a Scientific Perspective?

# Scientific Perspective -Key Points

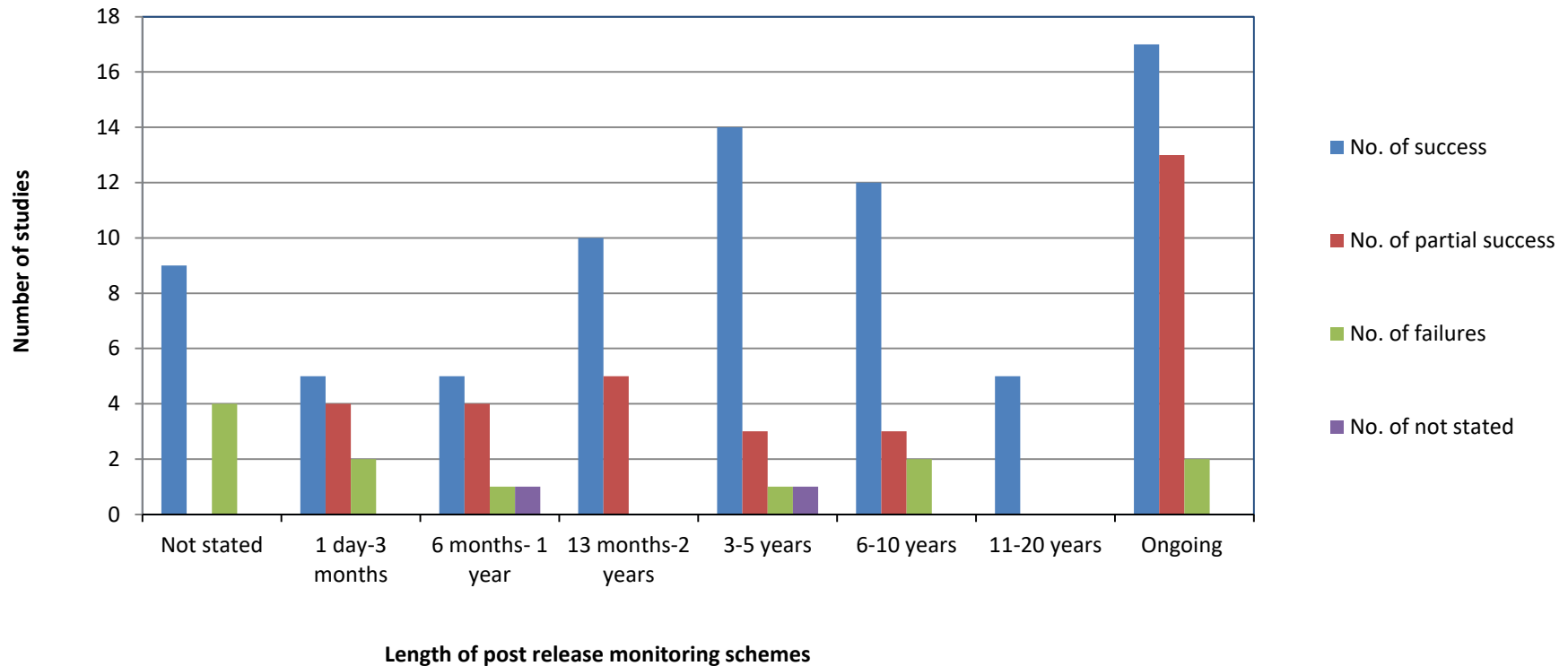
## ■ Taxonomic Bias



## ■ Varied global distribution of reintroduction attempts

# Scientific Perspective- Key Points

## ■ Post release monitoring



## ■ Experimentation and Modelling

# Scientific Perspective-Key Points

- **Feasibility studies and risk assessments**
- **Number of individuals released**
- **Wild caught or captive bred**
- **Age and sex of individuals**
- **Soft or Hard Release**

# Scientific Perspective Recommendations

- Improvements to IUCN Guidelines
- Clear objectives for reintroduction programmes and comprehensive monitoring scheme
- A framework providing information and advice on the best monitoring scheme
- Publication of results, especially if they're categorised as a failure, to assist future projects
- Increased use of adaptive management: Modelling and experimental releases
- Elimination of taxonomic bias
- Increased research into captivity adaptations
- Meta-analysis to be used more frequently in future research (data from individual case studies, a more evidence-based approach for reintroductions)

# Legal Perspective of Species Reintroductions



# Legal Perspective- Key Points

- Art 11(2) a and b- The Convention on the Conservation of European Wildlife and Natural Habitats (the Bern Convention) of 1979
- Art 5 (5) g of The Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention or CMS) (1979)
- Art 9(1) b of Council Directive 79/409/EEC of 2 April 1979 on the Conservation of Wild Bird [Also followed in the (codified version) of 2009]
- Recommendation Number R (85) 15 (1985) of the Council of Europe Committee of Ministers to Member States on the reintroduction of species lays down criteria for responsible reintroduction.
- Art 9 (c ) of Convention of Biological Diversity (1992)



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# Legal Perspective- Key Points

- Art 22 of the Council Directive 92/43/EEC on The Conservation of Natural Habitats and of Wild Fauna And Flora.
- The Council of Europe adopted the Pan-European Biological and Landscape Diversity Strategy (1995), which stress the importance of joint efforts for reintroduction programmes across Europe.
- IUCN/SSC Guidelines for Re-Introductions Prepared by the SSC Re-introduction Specialist Group Approved by the 41st Meeting of the IUCN Council, Gland Switzerland, May 1995
- (IUCN) (1998) Guidelines for Re-Introduction. Prepared by the IUCN/ SSC Re-introduction Specialist Group. Gland, Switzerland and Cambridge.
- IUCN/SSC (2013) Guidelines for Reintroductions and Other Conservation Translocations. Version 1.0. Gland, Switzerland: IUCN Species Survival Commission, viiii + 57 pp

# Legal Perspective- Key Points

## UK – Policy

Bullock, J.N., Hodder, K.H., Manchester, S.J & Stevenson, M.J. (1996). Review of information, policy and legislation on species translocation. JNCC Report No. 261. Joint Nature Conservation Committee, Peterborough.

McLean, I.F.G., JNCC (Drafted by) on behalf of the Inter-agency Translocations Working Group July 2003. Policy guidance published by JNCC with, and on behalf of, the statutory conservation agencies in England, Scotland and Wales

## UK-Legislation

- The Wildlife and Countryside Act (1981) and the Updated version of 2015- Part 1 (6)
- Schedule 9 s28 G The Countryside and Rights of Way Act (2000)

# Invasive Alien Species

- Regulation 1143/2014 of the European Parliament and of the Council of 22 October 2014
- Commission Implementing Regulation (EU) 2017/1263 of 12 July 2017 updating the list of invasive alien species of Union concern established by Implementing Regulation (EU) 2016/1141 pursuant to Regulation (EU) No 1143/2014 of the European Parliament and of the Council

# Reintroduction of species where do we draw the line?

