


**SEnSOR**  
Socially and Environmentally  
Sustainable Oil Palm Research



**SEARRP**  
South East Asia  
Rainforest Research  
Partnership

# The Potential of Oil Palm Landscapes to Support At Risk Species

Dr Jennifer Lucey, University of York/ SEARRP

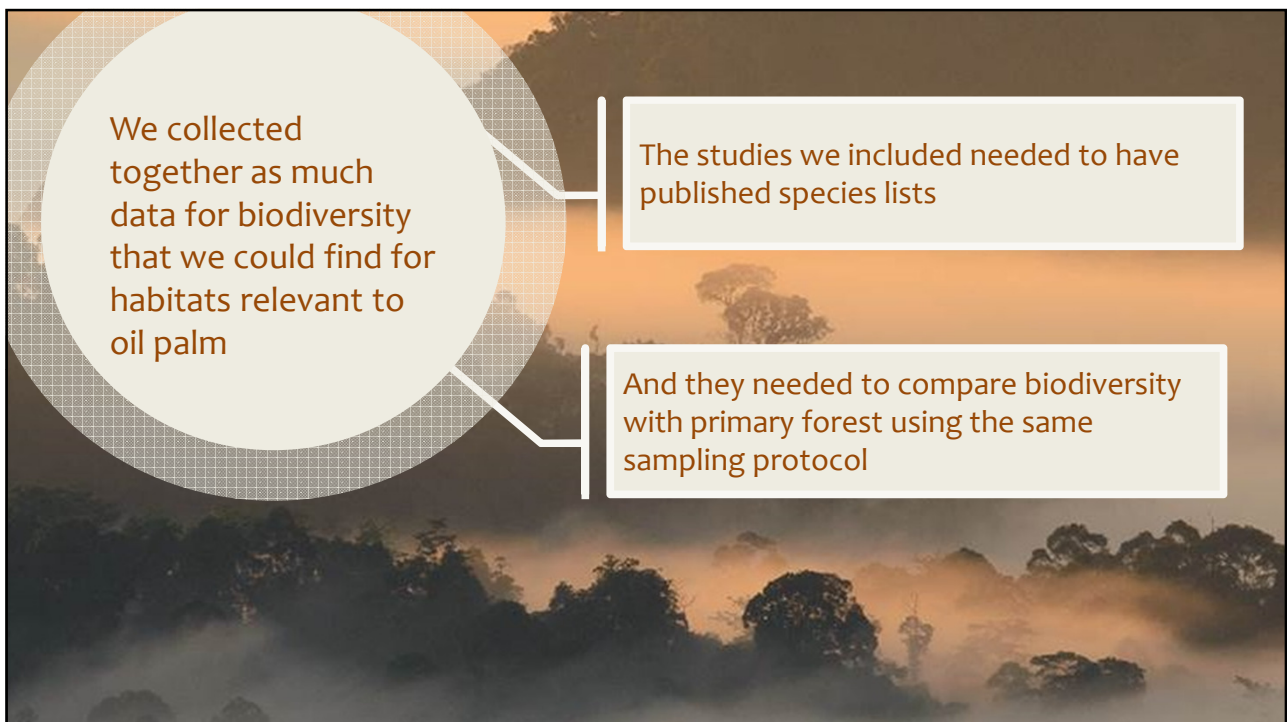


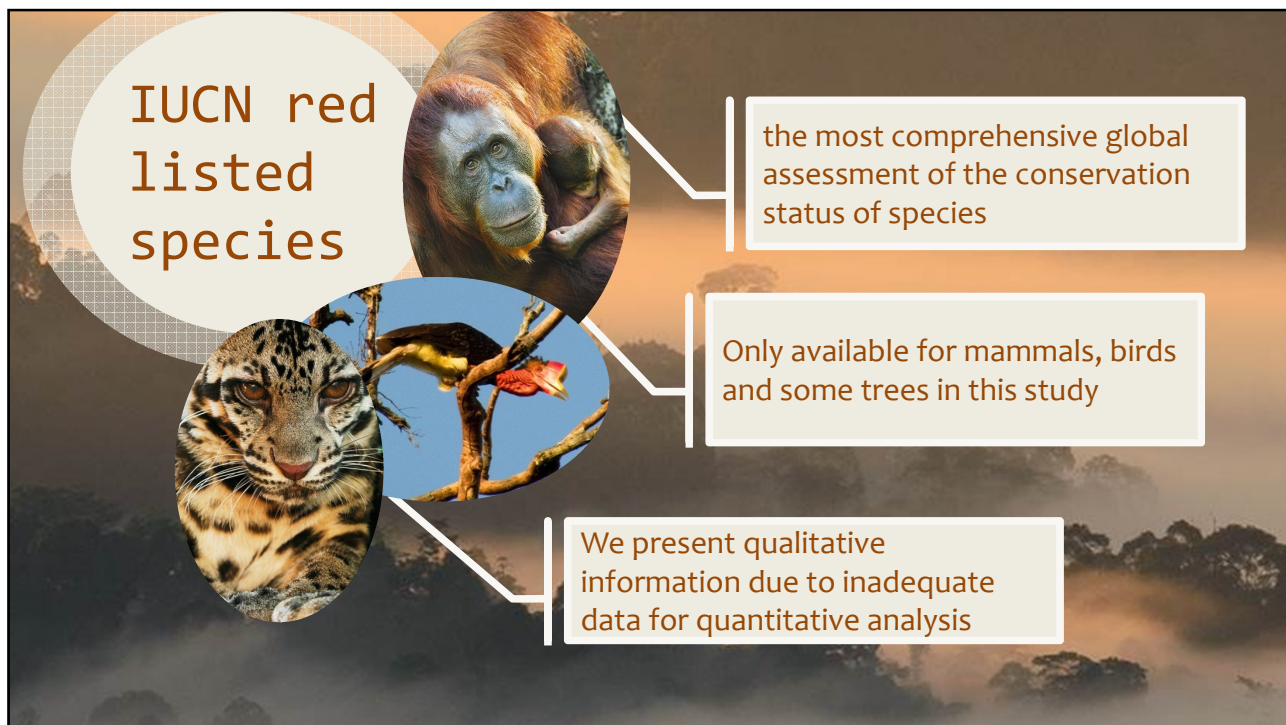


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[www.sensorproject.net/output](http://www.sensorproject.net/output)

The collage includes several research posters with titles such as:

- Cocubes for biodiversity and carbon in land planning decisions within oil palm landscapes: A transdisciplinary paper for the Oil Palm Research Partnership
- Preliminary measurements of SEnSOR's capabilities for soil resource control measures
- Contributions of riparian buffers for conserving biodiversity within oil palm landscapes
- Implementation of FPIC: does this reduce conflicts? A challenge for policy input by the research programme
- Assessing carbon stocks of forest patches in oil palm plantations: A new field study for the SEnSOR programme
- Assessing forest integrity: a preliminary test on a new, easy-to-use field methodology
- Contributions of riparian buffers for conserving biodiversity within oil palm landscapes
- Smallholder SEnSOR: A success story
- Conservation of riparian and forest remnants within oil palm landscapes: A case study from the SEnSOR programme
- Verification of the SEnSOR programme: A case study from the SEnSOR programme
- The Potential of Oil Palm Landscapes to Support At Risk Species





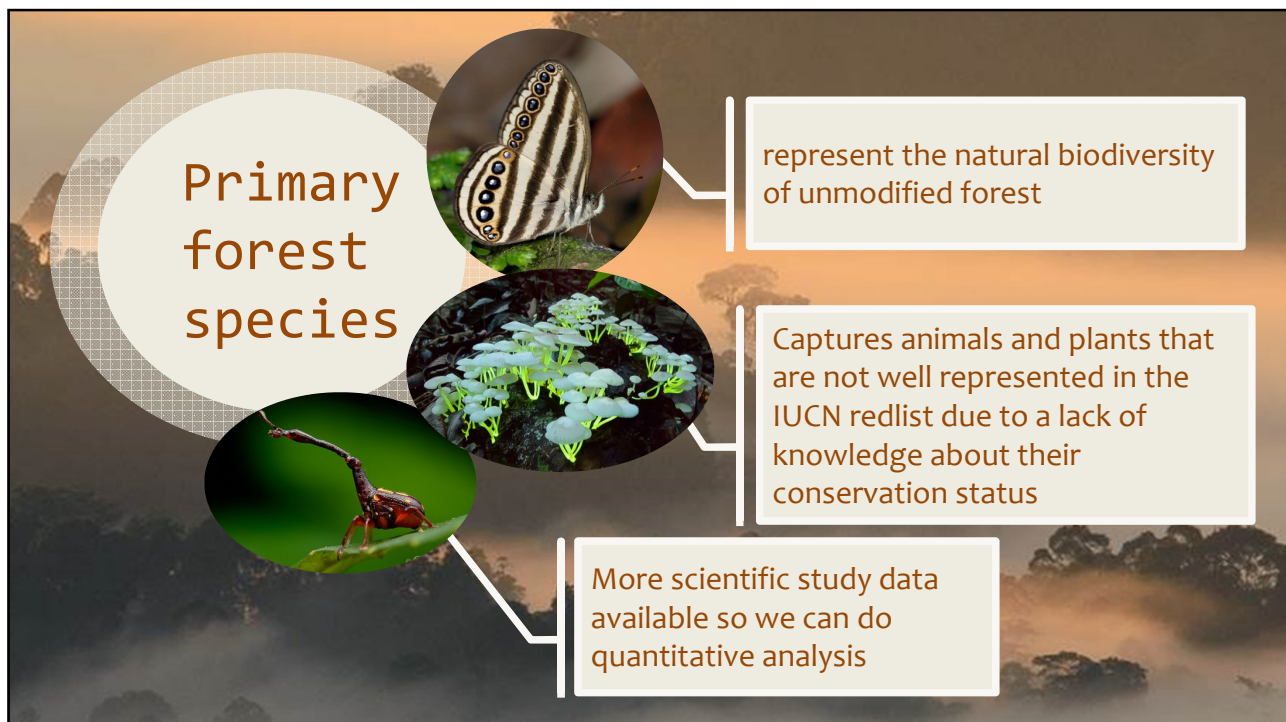
IUCN red listed species

the most comprehensive global assessment of the conservation status of species

Only available for mammals, birds and some trees in this study

We present qualitative information due to inadequate data for quantitative analysis

This infographic features a central title 'IUCN red listed species' in a large, light-colored circle. To the right, three smaller circles contain images of an orangutan, a tiger, and a bird. Three text boxes are connected to these images by lines, providing context and limitations of the data. The background is a misty, forested landscape.



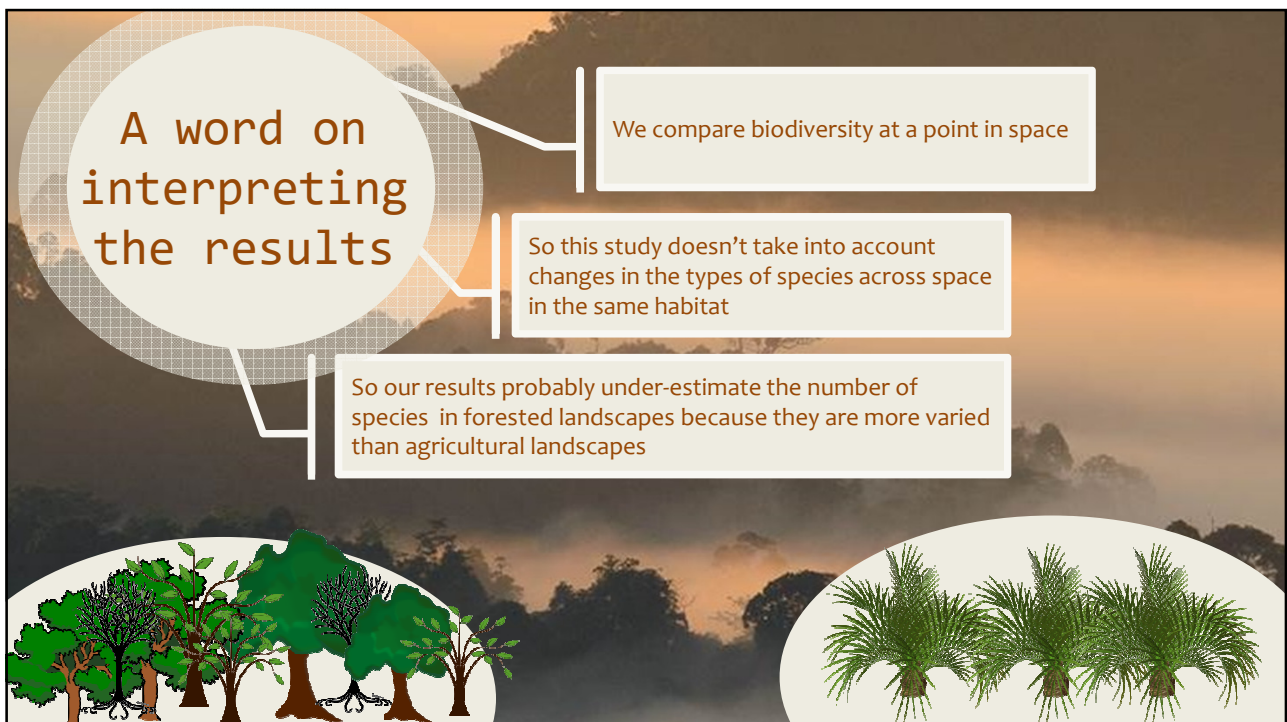
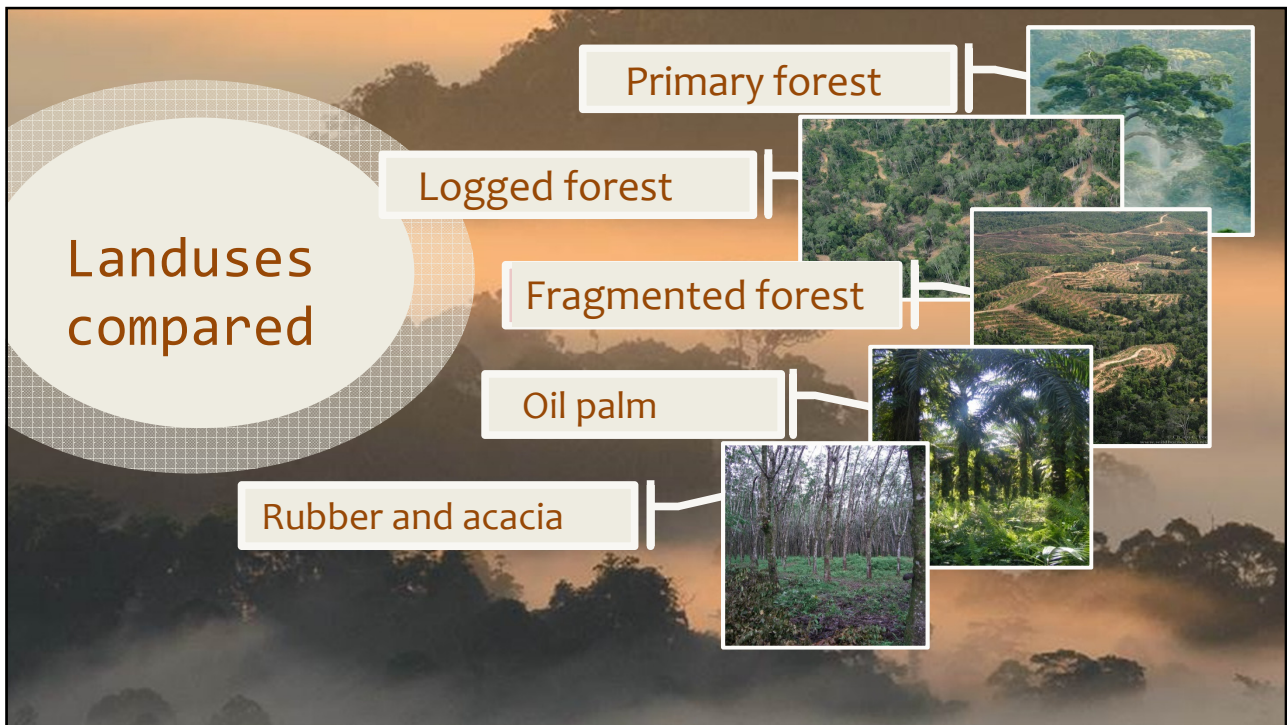
Primary forest species

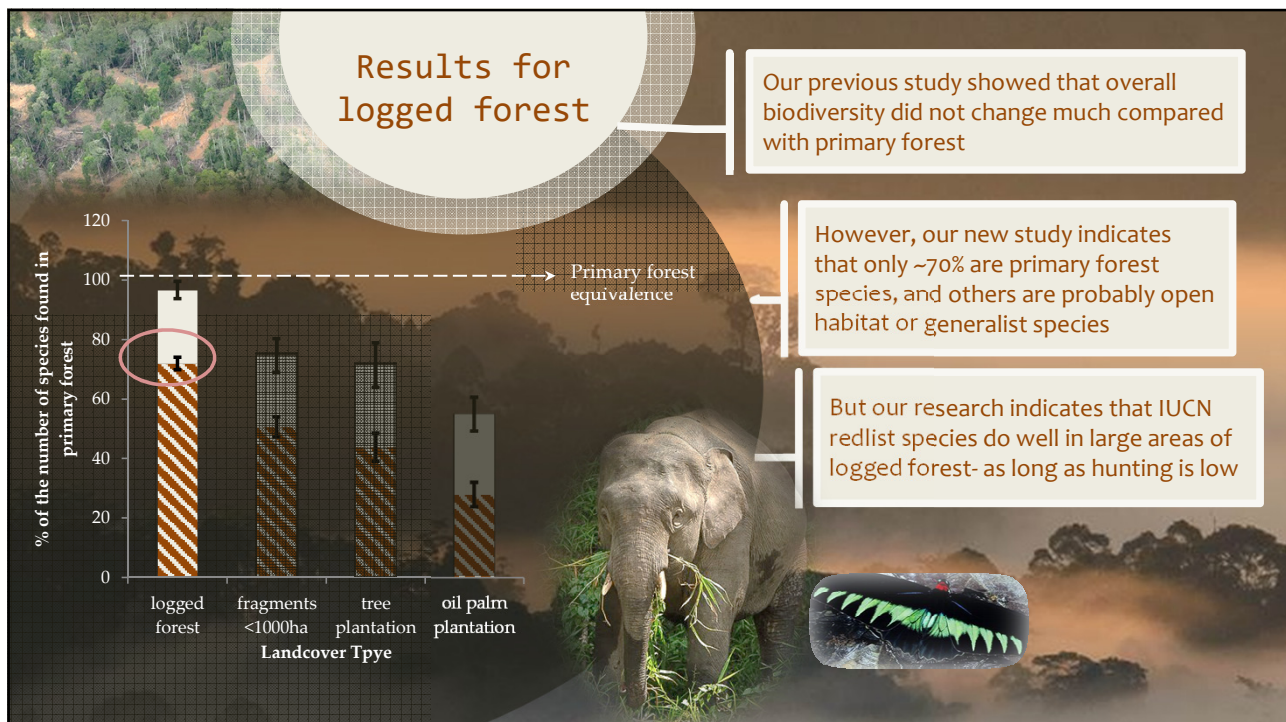
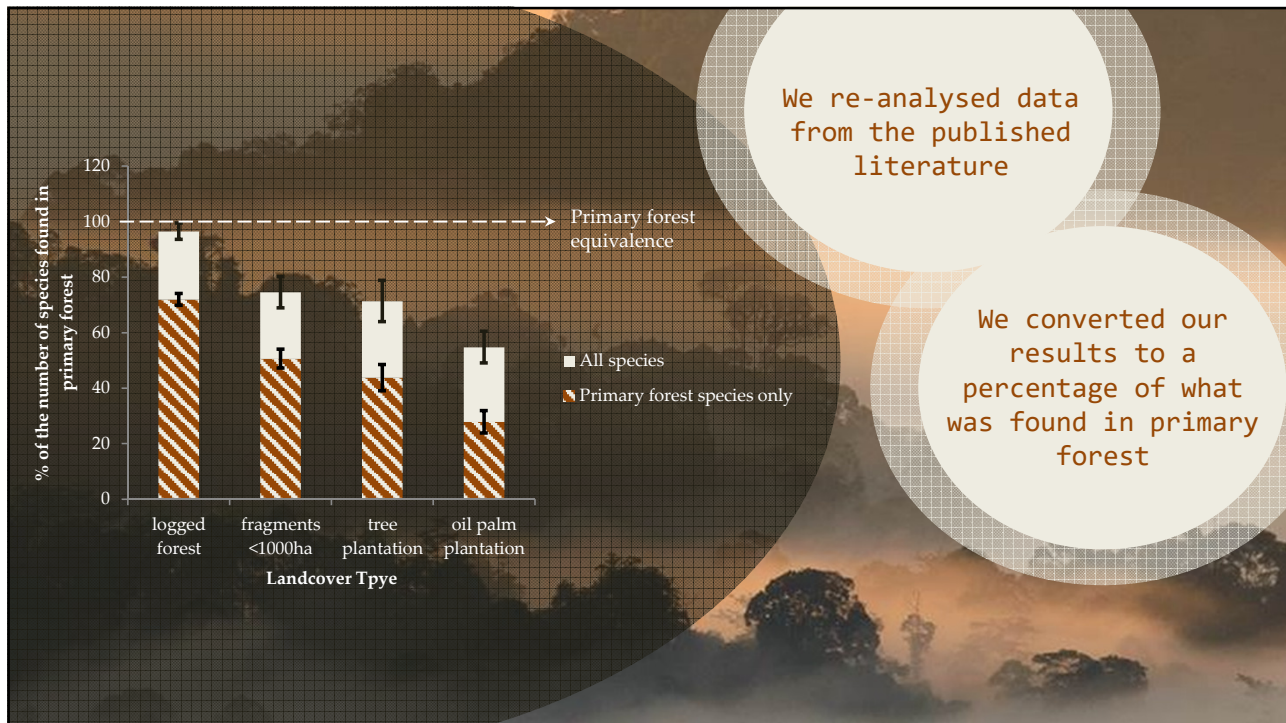
represent the natural biodiversity of unmodified forest

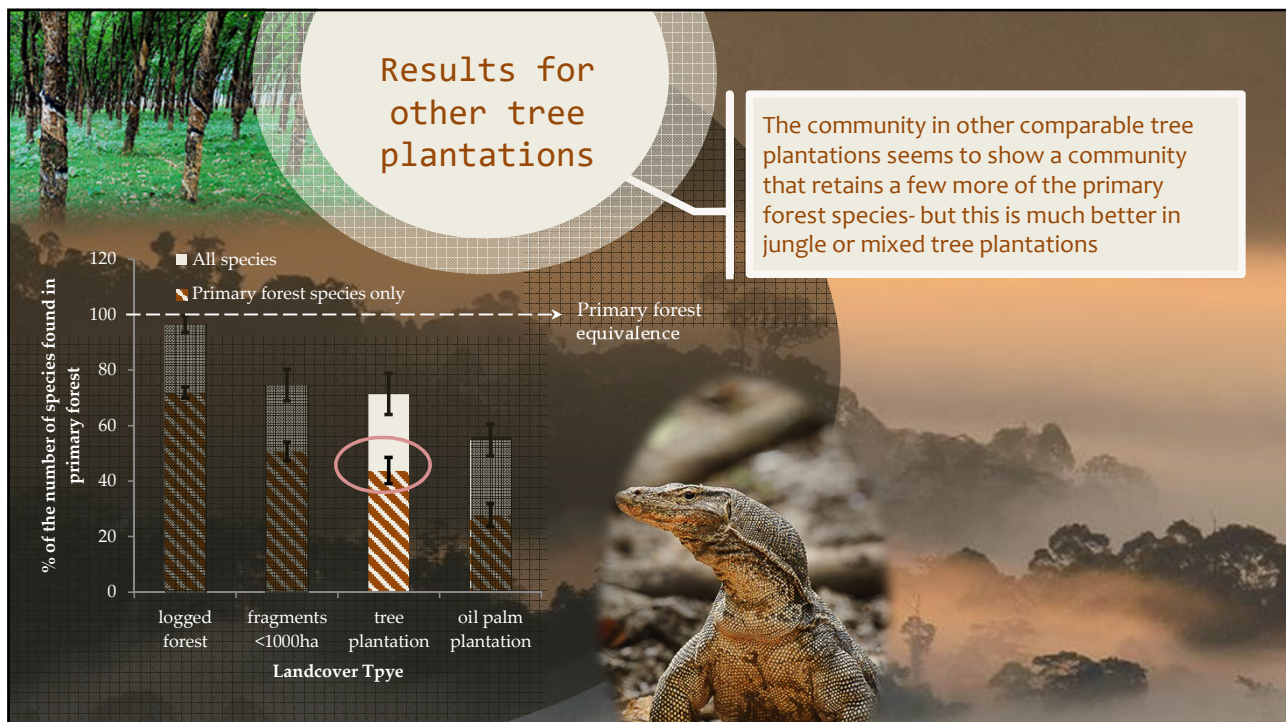
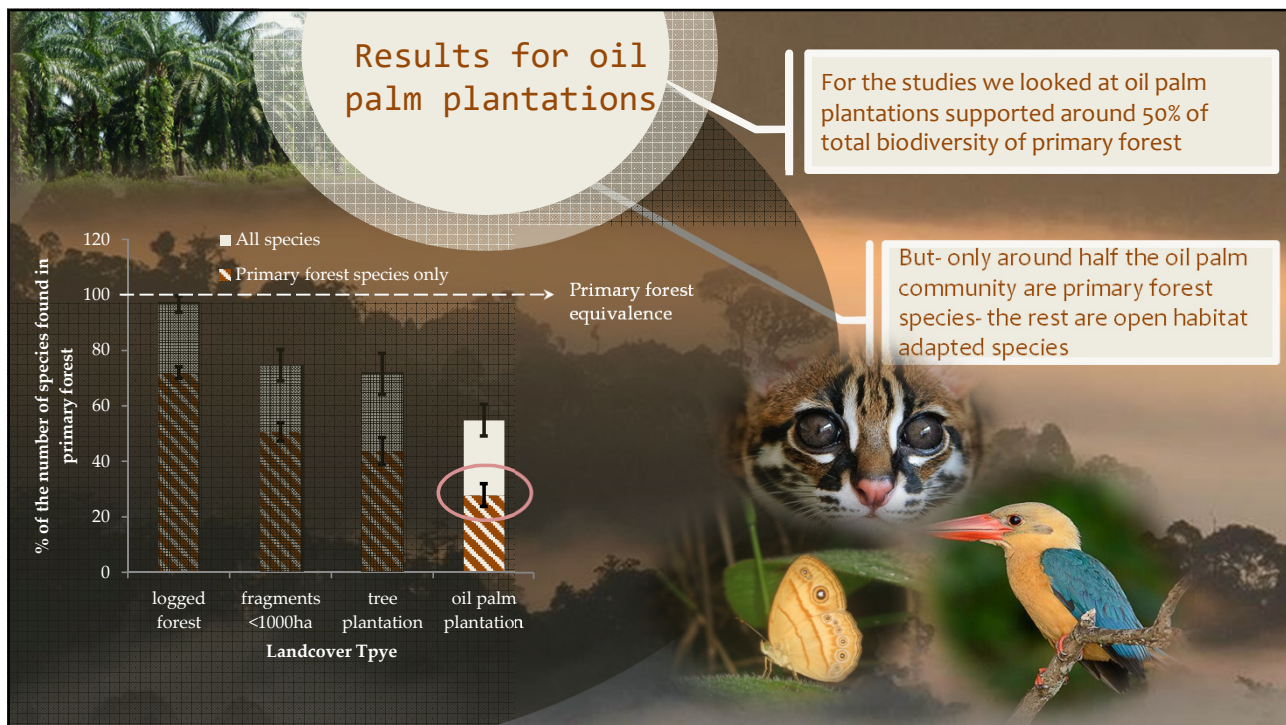
Captures animals and plants that are not well represented in the IUCN redlist due to a lack of knowledge about their conservation status

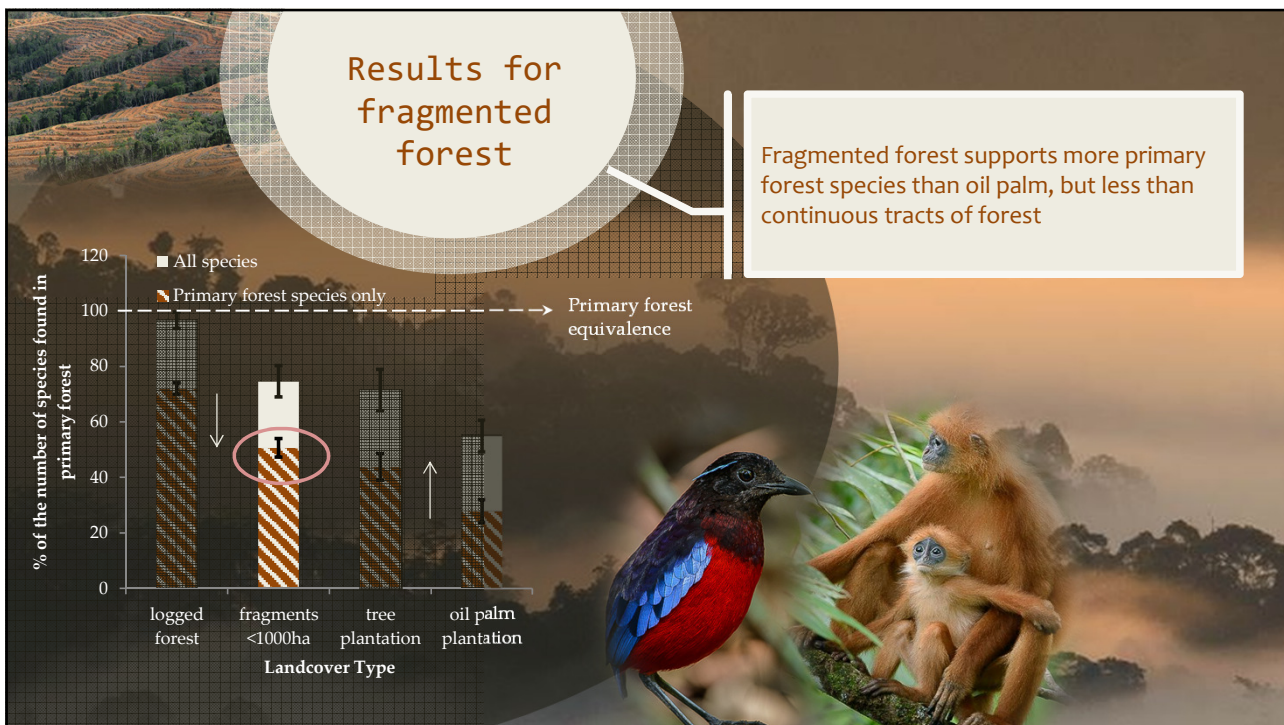
More scientific study data available so we can do quantitative analysis

This infographic features a central title 'Primary forest species' in a large, light-colored circle. To the right, three smaller circles contain images of a butterfly, a plant, and a beetle. Three text boxes are connected to these images by lines, providing context and limitations of the data. The background is a misty, forested landscape.







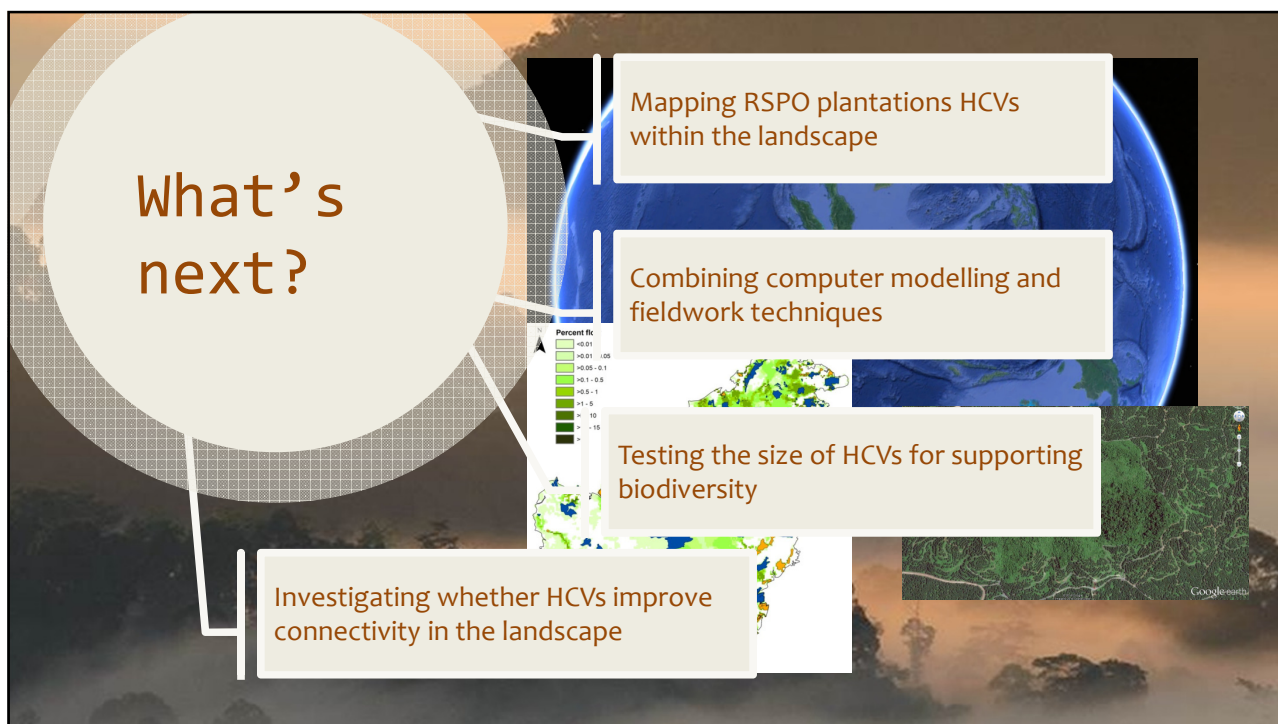


### So how do we better conserve biodiversity?

Sustainable plantations need to avoid further fragmentation – our results show that large tracts are vital for *at risk* species

HCV areas need to be large if they are going to be effective for protecting *at risk* species

Another consideration is connectivity- smaller areas might still help to protect species if they are well connected- especially for more mobile species



## The co-authors and reviewers:

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## Funders and Supporting institutions

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 Socially and Environmentally Sustainable Oil Palm Research

**UNIVERSITY of York**

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Find the full report at  
[www.sensorproject.net/outputs](http://www.sensorproject.net/outputs)

Photos courtesy of Ch'ien Lee  
[www.wildborneo.com.my](http://www.wildborneo.com.my)