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# Creating true-colour 3D models of insects



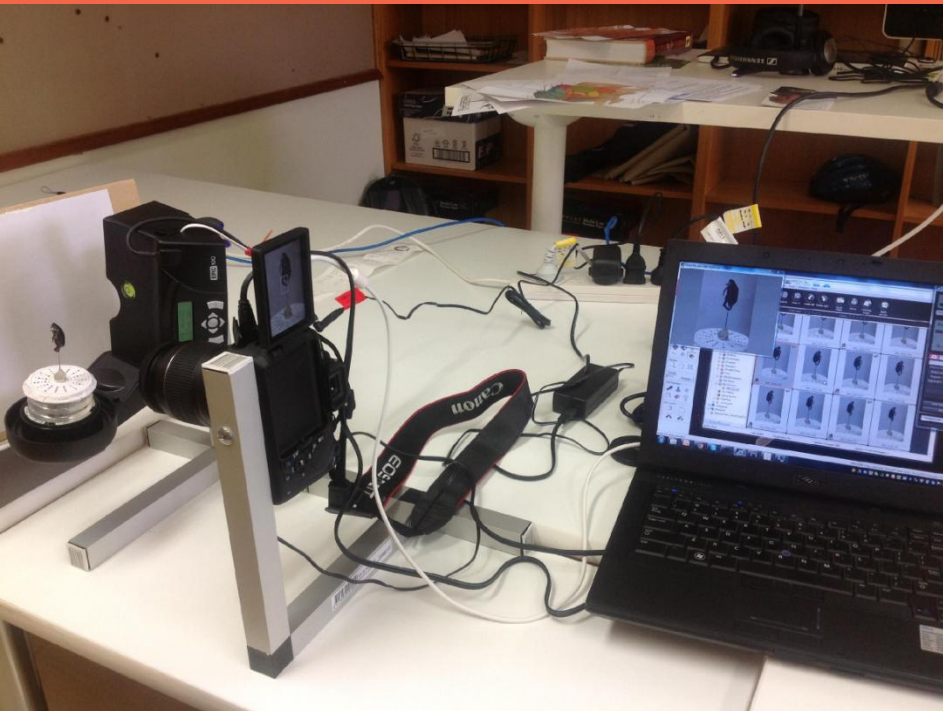
**Chuong Nguyen, David Lovell, Matt Adcock**  
**CSIRO Computational Informatics**  
**John La Salle**  
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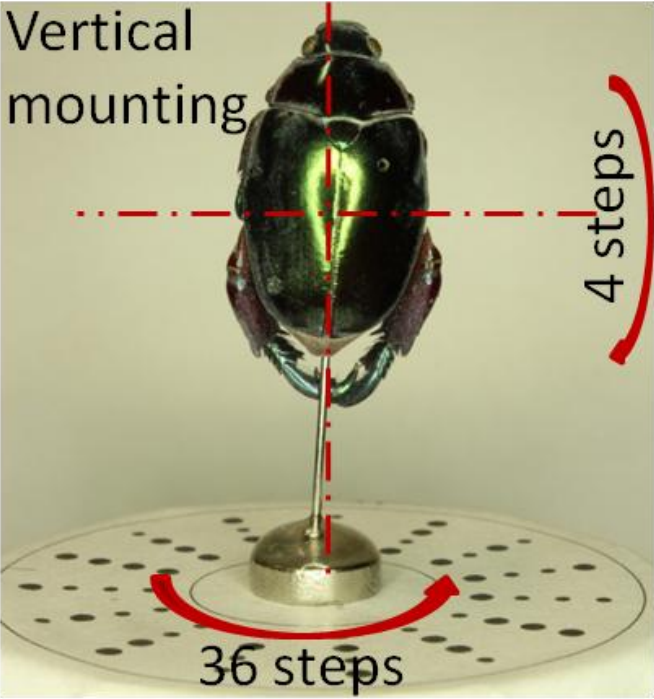
The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and further supported by the Super Science Initiative of the Education Investment Fund

# The project

- Cross-cutting collaboration
  - CSIRO Computational Informatics – Computer Vision
  - CSIRO Biological Collections
  - Atlas of Living Australia
  - CSIRO OCE Science Postdoc Fellowship

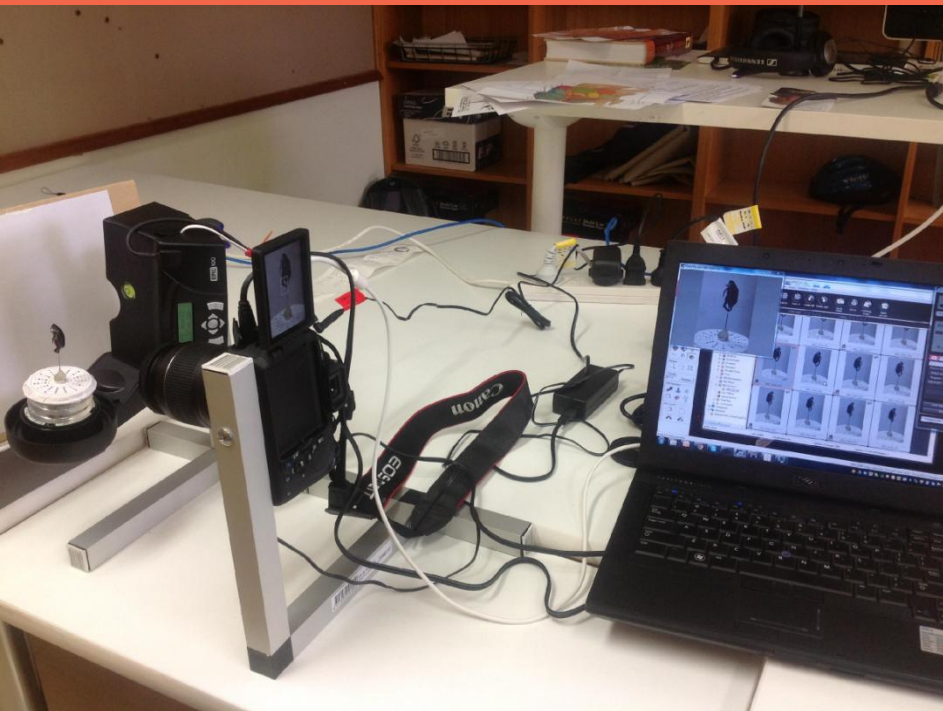
# Creating 3D images



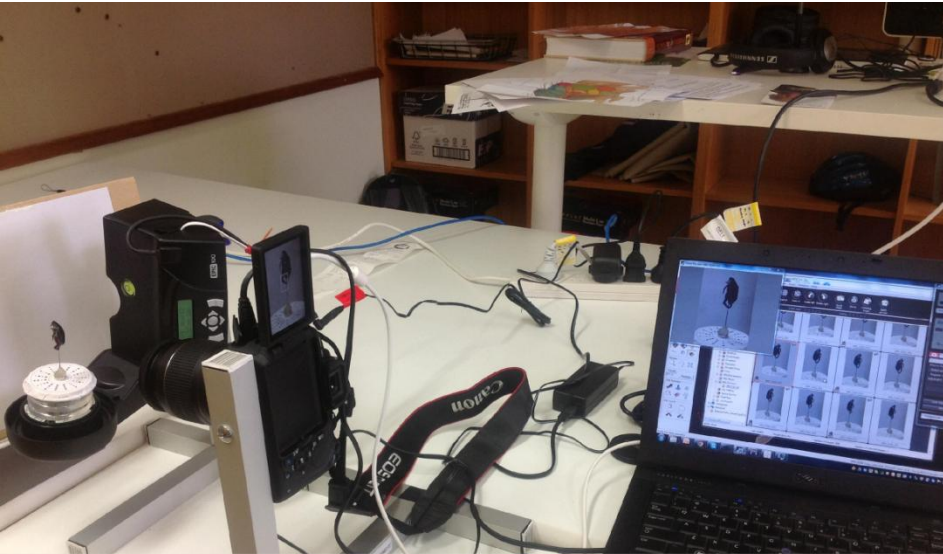




# Creating 3D images



# Creating 3D images



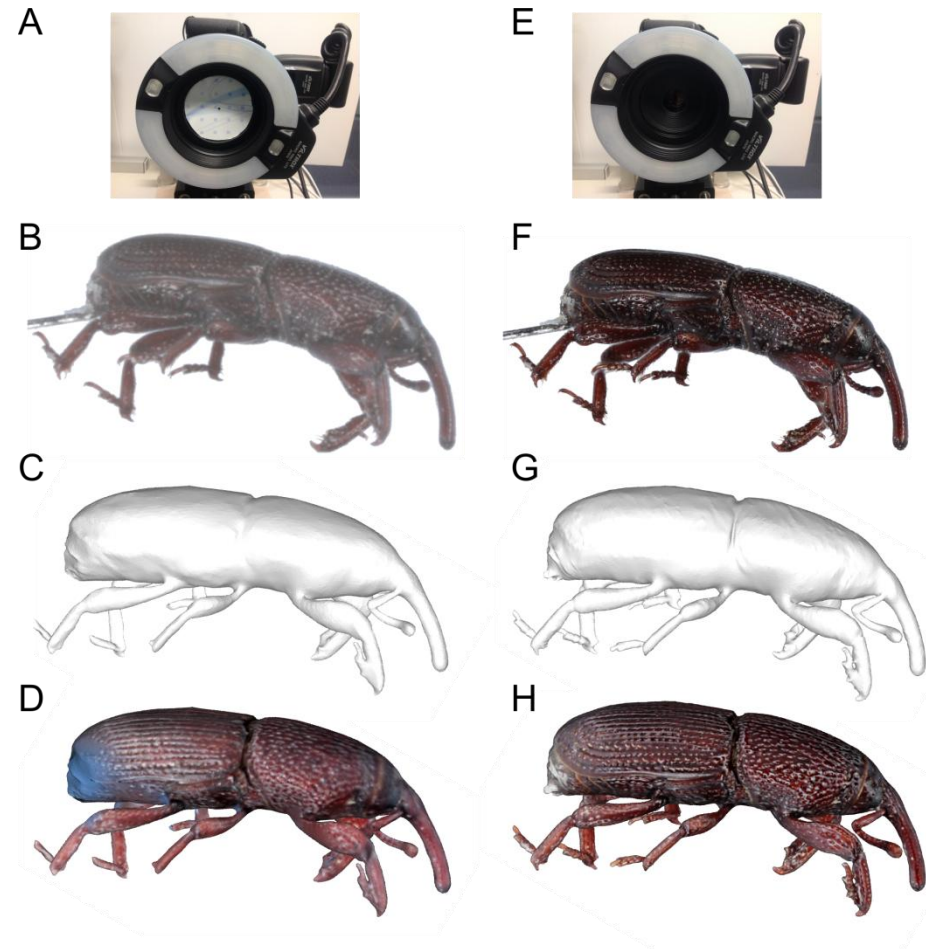


# Creating 3D Images

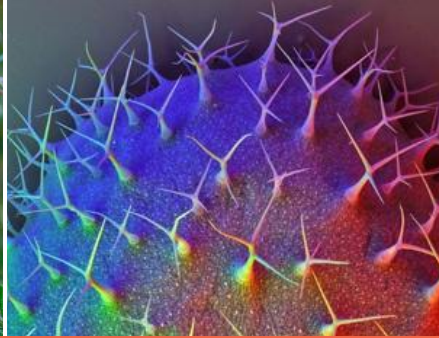


# Where to from here?

- More 3D images
  - Can we scale the rate of capture
- Imaging Tools
  - Zooming, annotating, tagging
  - Stuart Anderson – Graduate Fellow
- Handheld devices
  - Put images libraries on handheld devices to support quarantine, biosecurity, pest management







The Atlas of Living Australia Team – or some of it...

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**AUSTRALIA**  
sharing biodiversity knowledge

Thank you



An Australian Government Initiative  
National Collaborative Research  
Infrastructure Strategy