

Fifty years of invasion ecology: the legacy of Charles Elton

SYMPOSIUM PROGRAMME

Day 1 (Wednesday 12 November 2008)

Venue: Wallenberg Centre, Marais Street, Stellenbosch

08h00-08h30: Registration

08h30-08h45: Welcome: Professor Arnold van Zyl, Vice-Rector: Research: Stellenbosch University

08h45-09h00: Aims of the symposium & housekeeping rules – Dave Richardson & Mawethu Nyakatya

Oral session 1 – Chair: Steven Chown

09h00-09h30: Keynote address #1 – David M. Richardson: “*Invasion ecology – an unauthorized biography*”

09h30-10h00: Keynote address #2 – Daniel Simberloff: “*Charles Elton – Neither founder nor siren, but prophet*”

10h00-10h30: Discussion

10h30-11h00: Tea/coffee

11h00-12h30: Poster session #1

12h30-14h00: Lunch

Oral session 2 – Chair: Mirijam Gaertner

14h00-14h30: Keynote address #3 - James T. Carlton: “*The inviolate sea? A thousand (and more) years of the interchange of continental shore biota*”

14h30-15h00: Keynote address #4 – Petr Pyšek: “*Plant invasions in Europe: towards a synthesis*”

15h00-15h30: Discussion

15h30-16h00: Tea/coffee

16h00-17h30: Structured discussion session: “*The role of science in biosecurity*”

[Convener: Philip Hulme]

Philip Hulme	Introduction and aims of the session
“Vignettes”	
Adnan Awad	“ <i>The relevance of science in the complex ballast water issue</i> ”
Paul DeBarro	“ <i>Reducing the likelihood of entry – knowing what to target</i> ”
John Donaldson	“ <i>The role of science in the development of invasive species regulations in South Africa</i> ”
Jennifer Lee	“ <i>Biosecurity in the Antarctic: pathways and propagules</i> ”
Jaco Le Roux	“ <i>How can molecular genetic approaches contribute towards enhanced biosecurity?</i> ”
Andy Sheppard	“ <i>Australian Biosecurity System (AusBIOSEC) National R&D priorities – CSIRO’s science response</i> ”
Francisco Sylvester	“ <i>Commercial, legal, and technical issues may impact hull fouling as a principal vector of invasion</i> ”
N. Jaqualine Tshidada	“ <i>Pest Risk Analysis - a Biosecurity tool: day to day challenges</i> ”
Nicola van Wilgen	“ <i>Defining the dimensions of a prominent introduction pathway where economics is inadequate</i> ”
Philip Hulme	Summary

17h30 – 19h00 Cocktail function (co-sponsored by Wiley-Blackwell, publishers of *Diversity and Distributions*)

Day 2 (Thursday 13 November 2008)

08h00-08h30 – (WfW, Cape Nature & SANParks managers only) – Discussion session [John Wilson/Justine Shaw]

Oral session 3 – Chair: Michelle Leishman

08h30-09h00: Keynote address #5 – Peter M. Vitousek: “*Invasion and ecosystem function in the Anthropocene*”

09h00-09h30: Keynote address #6 – Hugh J. MacIsaac & Anthony Ricciardi: “*The growth of invasion ecology in freshwater ecosystems*”

09h30-10h00: Discussion

10h00-10h30: Tea/coffee

10h30-11h30: Poster session #2

Oral session 4 – Chair: John Wilson

11h30 – 12h20: Keynote address #7 – Andrew J. Lowe: “*Invasive species adaptation - putting the evolution back into an ecologically dominated research area*”

12h20-13h30: Lunch

Oral session 5 – Chair: Peter Convey

13h30-14h00: Keynote address #8 - Tim M. Blackburn: “*Alien movements across space and time: nonrandomness in bird introductions*”

14h00-14h30: Keynote address #9 – Steven L. Chown: “*The macroecology of biological invasions*”

14h30-15h00: Discussion

15h00-15h30: Tea/coffee

15h00-16h30: Structured discussion session: “*Is our science useful? Insights from managers*”

[Convener: Steven Chown]

16h30-19h30: Free time

16h30-17h00 – (WfW, Cape Nature & SANParks managers only) – Discussion session
[Justine Shaw; John Wilson; Steven Chown]

19h30: Symposium Dinner (Guest speaker: David Pepler)

Day 3 (Friday 14 November 2008)

Oral session 6 – Chair: Ahmed Khan

09h00-09h30: Keynote address #10 – Mark A. Davis: “*Researching and managing biological invasions*”

09h30-10h00: Keynote address #11 – Matthew Chew: “*The dagger and the asterisk*”

10h00-10h30: Discussion

10h30-11h00: Tea/coffee

Oral session 7 – Chair: Karen Esler

11h00-11h30: Keynote address #12 – Michael J. Wingfield: “*Fifty years of tree pathogen invasions, increasingly threatening world forests and forestry*”

11h30-12h00: Keynote address #13 – Guy Preston: “*Lessons from thirteen years of the Working for Water Programme*”

12h00-12h30: Discussion

12h30 -13h30: Lunch

13h30-15h00: Structured discussion session: “*New directions for invasion ecology*”

15h00-15h30: Closing remarks

15h45-16h15 – (WfW, Cape Nature & SANParks managers only) – Final discussion session
[Justine Shaw; John Wilson]