

**FROM ECOLOGY TO GENETICS TO STUDY INVASION BIOLOGY:
WHICH SPECIES ARE INVASIVE? (Session I)**

(24 August, 09h00-12h00, Room 2)

Chairpersons: Ron Ochoa (USDA-ARS-SEL, Beltsville-MD, USA / **Maria Navajas** (Institut National de la Recherche Agronomique, Montferrier-sur-Lez, France)

09h00-09h15: OPENING SESSION/ GOALS AND FOCUS

Ron Ochoa - USDA-ARS-SEL, Beltsville-MD, USA

09h15–09h40: *Raoiella indica* (ACARI: TENUIPALPIDAE): A RAPIDLY EXPANDING GENERALIST AMONG SPECIALIST CONGENERS

A.P.G. Dowling, R. Ochoa, W.C. Welbourn & J.J. Beard

Speaker: Ashley P. G. Dowling - University of Arkansas, Fayetteville-AR, USA

09h40–10h05: TRAVELS BY TEA: THE TALE OF A *Tuckerella*

J.J. Beard, R. Ochoa, C.C. Childers, G.R. Bauchan & M. Shepard

Speaker: Jennifer J. Beard - Queensland Museum, South Brisbane, Australia / University of Maryland, College Park-MD, USA

10h05–10h30: *Steneotarsonemus spinki*, FIELD OBSERVATIONS IN 2007 AND AN UPDATE ON THE STATUS IN THE UNITED STATES

N.A. Hummel, M.J. Stout, R. Ochoa, B.A. Castro & E.M. McDonald

Speaker: Natalie A. Hummel - LSU AgCenter, Baton Rouge-LA, USA

10h30–10h45: Coffee Break

10h45–11h15: INVASION OF TROPICAL CATTLE TICK *Rhipicephalus microplus* IN NEW CALEDONIA: DEMOGRAPHICAL TRAITS, RECURRENT INVASIONS OF ACARICIDE RESISTANCE GENES IN CATTLE AND ADAPTIVE COLONISATION OF A NEW ECOLOGICAL NICHE

C. Chevillon & T. de Meeûs

Speaker: Christine Chevillon - Genetique et Evolution des Maladies Infectieuses, Montpellier, France

11h15–11h45: INVASION OF THE LYME DISEASE VECTOR *Ixodes scapularis*: IMPLICATIONS FOR *Borrelia burgdorferi* ENDEMICITY

S.A. Hamer, J.I. Tsao, E.D. Walker & G.J. Hickling

Speaker: Graham J. Hickling - University of Tennessee, Knoxville-TN, USA

11h45–12h00: CLOSING REMARKS

Ron Ochoa - USDA-ARS-SEL, Beltsville-MD, USA