FIRST REPORT OF *Aculus schlechtendali* (ACARI: ERIOPHYIDAE) IN APPLE ORCHARDS IN THE SOUTH OF BRAZIL

D.E. Silva¹, J.M. Nascimento², L. Johann³, D. Navia⁴, E. de Lillo⁵ & N.J. Ferla¹,²,³

¹PPG Ambiente e Desenvolvimento, Universidade do Vale do Taquari (Univates), Lajeado, RS, Brazil; ²PPG Biotecnologia, Universidade do Vale do Taquari (Univates), Lajeado, RS, Brazil; ³PPG Sistemas Ambientais Sustentáveis, Universidade do Vale do Taquari (Univates), Lajeado, RS, Brazil; ⁴Embrapa Recursos Genéticos e Biotecnologia (Cenargen), Brasília, DF, Brazil; ⁵Department of Soil, Plant and Food Sciences (DiSSPA), University of Bari “Aldo Moro”, Bari, Italy.

The aim of this work is report the presence of *Aculus schlechtendali* (Nalepa, 1890) (Prostigmata: Eriophyidae) (Apple rust mite – ARM), in apple orchards of Serra Gaúcha, state of Rio Grande do Sul, Brazil. Surveys were conducted from apple leaves of Gala cultivar in a commercial orchard of Monte Alegre dos Campos County (S 28’ 34.540 W 050’ 52.153) in the Northeast region of the state of Rio Grande do Sul, between November 2016 and January of 2017. The morphological traits and the relative measurements matched with those of *A. schlechtendali*. This is the first report of this mite pest in Brazil, so far regulated as a quarantine pest, and the third country report in South America. Consideration on the potential pest status of ARM is discussed.

Keywords: quarantine pest, apple, damages, Monte Alegre dos Campos, Rio Grande do Sul.
Financial support: CAPES, CNPq.