

PHYTOSEIID MITES OF THE GENUS *NEOSEIULUS* HUGHES (ACARI: PHYTOSEIIDAE) FROM SUB-SAHARAN AFRICA

Ignace D. Zannou¹, Gilberto J. de Moraes¹, Eddie A. Ueckermann², Anibal R. Oliveira¹, John S. Yaninek³ and Rachid Hanna⁴

1. Departamento de Entomologia, Fitopatologia e Zoologia Agrícola, ESALQ-Universidade de Sao Paulo, 13418-900 Piracicaba, SP, Brazil (e-mail: gimoraes@carpa.ciagri.usp.br); 2. Plant Protection Research Institute, Private Bag X134, Queenwood, Pretoria; 0121 South Africa (e-mail: ueckermanne@arc.agric.za); 3. Department of Entomology, Smith Hall Room 100, 901 W. State Street, Purdue University, West Lafayette, IN 47907-2089, USA (e-mail: yaninek@purdue.edu); 4. Biological Control Centre for Africa, International Institute of Tropical Agriculture, 08 B.P. 0932, Cotonou, Benin, West Africa (e-mail: r.hanna@cgiar.org).

ABSTRACT - Thirty phytoseiid mite species of the genus *Neoseiulus* Hughes are reported from sub-Saharan Africa. Ten of these species are described for the first time and 14 nominal species are redescribed. Most of the species were collected from cassava groves in tropical Africa and from other habitats in South Africa. A key is included to distinguish these species and six other species known to occur in the region but not evaluated in this study.

Key words - Acari, Phytoseiidae, *Neoseiulus* Hughes, biological control, predator, cassava, taxonomy, Angola, Benin, Burundi, Cameroon, Democratic Republic of Congo, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Sierra-Leone, South Africa, Tanzania, Uganda, Zambia, Zimbabwe.

Abstract # 2

Internat. J. Acarol. 32(3): 241-276.