

year **2013**

volume **36**

part **1**

# PAAT

Programme  
Against  
African  
Trypanosomosis



ISSN 1872-2442

## TSETSE AND TRYPANOSOMOSIS INFORMATION



### DFID

Department for  
International  
Development



## CONTENTS

	<i>Page</i>
<b>SECTION A – NEWS</b>	
African Union (AU) - Pan African Tsetse and Trypanosomiasis Eradication Campaign (PATTEC)	1
32 <sup>nd</sup> General Conference of the International Scientific Council for Trypanosomiasis Research and Control (ISCTRC)	2
Report of WHO Meeting on Elimination of Human African Trypanosomiasis ( <i>Trypanosoma brucei gambiense</i> )	2
Work supported by the Joint FAO/IAEA and IAEA Technical Cooperation Programmes	4
<b>SECTION B – ABSTRACTS</b>	
1. General (including land use)	7
2. Tsetse biology	
(a) Rearing of tsetse flies	12
(b) Taxonomy, anatomy, physiology, biochemistry	13
(c) Distribution, ecology, behaviour, population studies	13
3. Tsetse control (including environmental side effects)	18
4. Epidemiology: vector-host and vector-parasite interactions	22
5. Human trypanosomosis	
(a) Surveillance	31
(b) Pathology and immunology	35
(c) Treatment	38
6. Animal trypanosomosis	
(a) Survey and distribution	38
(b) Pathology and immunology	44
(c) Trypanotolerance	46
(d) Treatment	46
7. Experimental trypanosomosis	
(a) Diagnostics	48
(b) Pathology and immunology	54
(c) Chemotherapeutics	60
8. Trypanosome research	
(a) Cultivation of trypanosomes	77
(b) Taxonomy, characterisation of isolates	77
(c) Life cycle, morphology, biochemical and molecular studies	81