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Brief introduction

The Center for Earth and Natural Resource Sciences (CENRS) is a comprehensive and multi-disciplinary research center engaged in fundamental and applied research on the environment, understand earth processes and the natural hazards, resource science, as well as, innovative technologies and instruments for the control and remediation of water, soil, air and solid waste pollution.

CENRS was established on 1st May, 2018 and it is located in Kigali City, Rwanda.

CENRS conducts frequent exchanges and maintains close cooperation with many high-level research institutes in the Australia, Canada, China, France, Germany, India, Japan, Netherlands, Singapore, South Korea, Taiwan, UK and USA.

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Our research team

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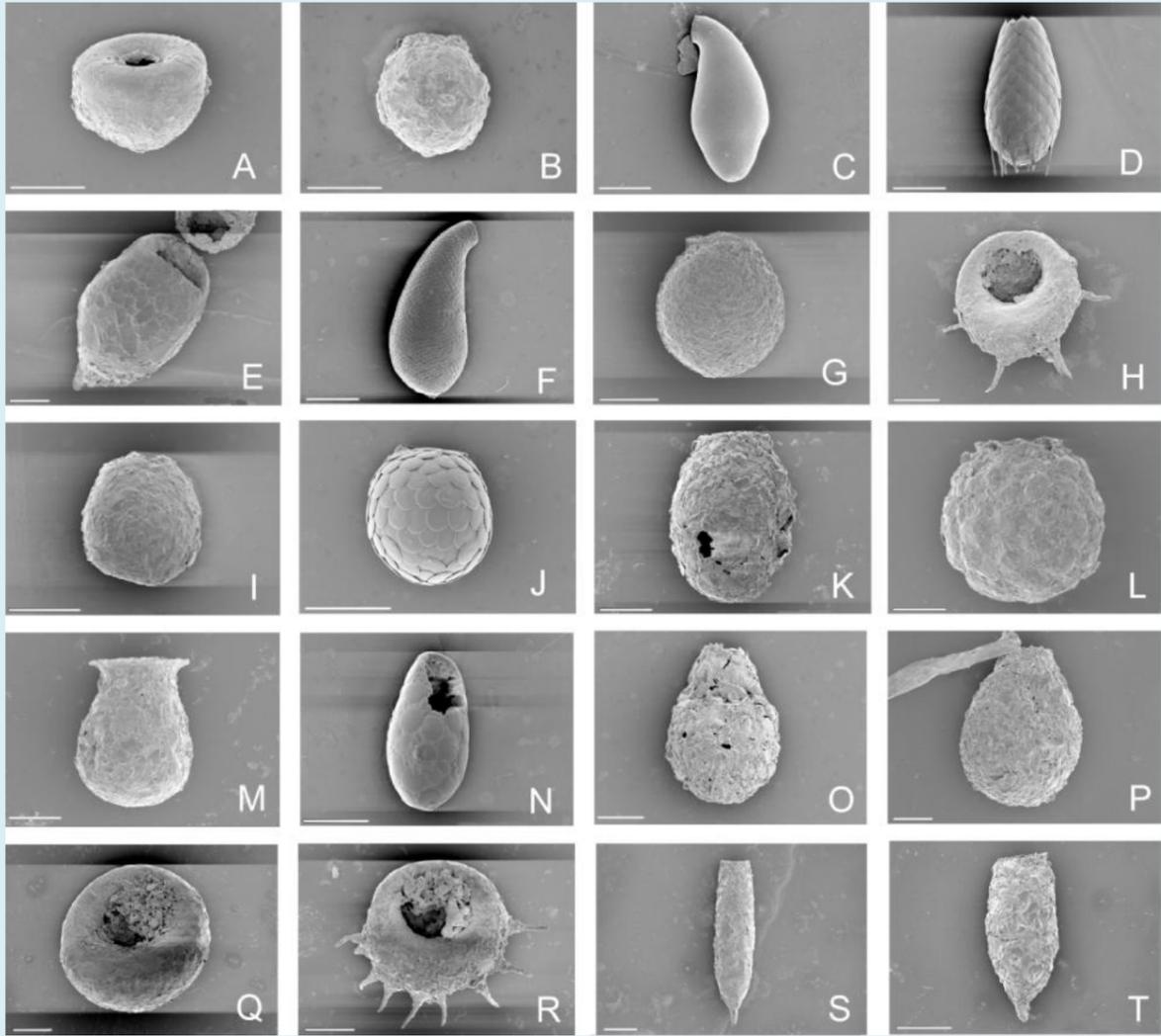
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PAPERS

Title	First Author	Publication Year
Temperature transfer functions based on freshwater testate amoebae from China	NDAYISHIMIYE Jean Claude	Jun 2019

First Author:	NDAYISHIMIYE Jean Claude
Abstract:	<p>Globally, lakes and reservoirs ecosystems are integral parts of ecological processes. Nevertheless, global warming is rapidly changing their function and sustainability, especially in the populated area of the northern hemisphere. Here we examined testate amoebae community and 10 environmental variables from 51 lakes and reservoirs across China and developed testate amoebae transfer functions for temperature based on both abundance- and biomass-datasets. A total of 169 testate amoebae taxa were identified. Our partial CCA analyses revealed that water temperature explained 5.15% ($P = 0.006$) and 5.57% ($P = 0.008$) of the total variance in testate amoebae abundance and biomass, respectively. The WA-PLS was the best model in abundance-based temperature transfer function (RMSEP = 2.87 ° , $R^2 = 0.60$), whereas the MAT proved to be the best model for biomass-based temperature transfer function (RMSEP = 3.34 ° , $R^2 = 0.67$). The application of all models should be carried out with suitable precautions. Our results suggested that freshwater testate amoebae could contribute to a better understanding of the ecological integrity and its vulnerability in inland aquatic environments.</p> 
Contact the author:	YANG Jun
Page Number:	152 164
Publication Year:	Jun 2019
Volume:	69
Publication Name:	EUROPEAN JOURNAL OF PROTISTOLOGY
The full text link:	https://doi.org/10.1016/j.ejop.2019.03.003

COOPERATION

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National and International cooperation

In order to seek the productive success, we sincerely are looking forward to your kindest cooperation.

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E-mail: info@cenrs.org

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Cooperation

Data Company Corporation Trust Limited

DCCT Ltd

Big data corporation based in Kigali Rwanda

<http://www.datactrust.com>

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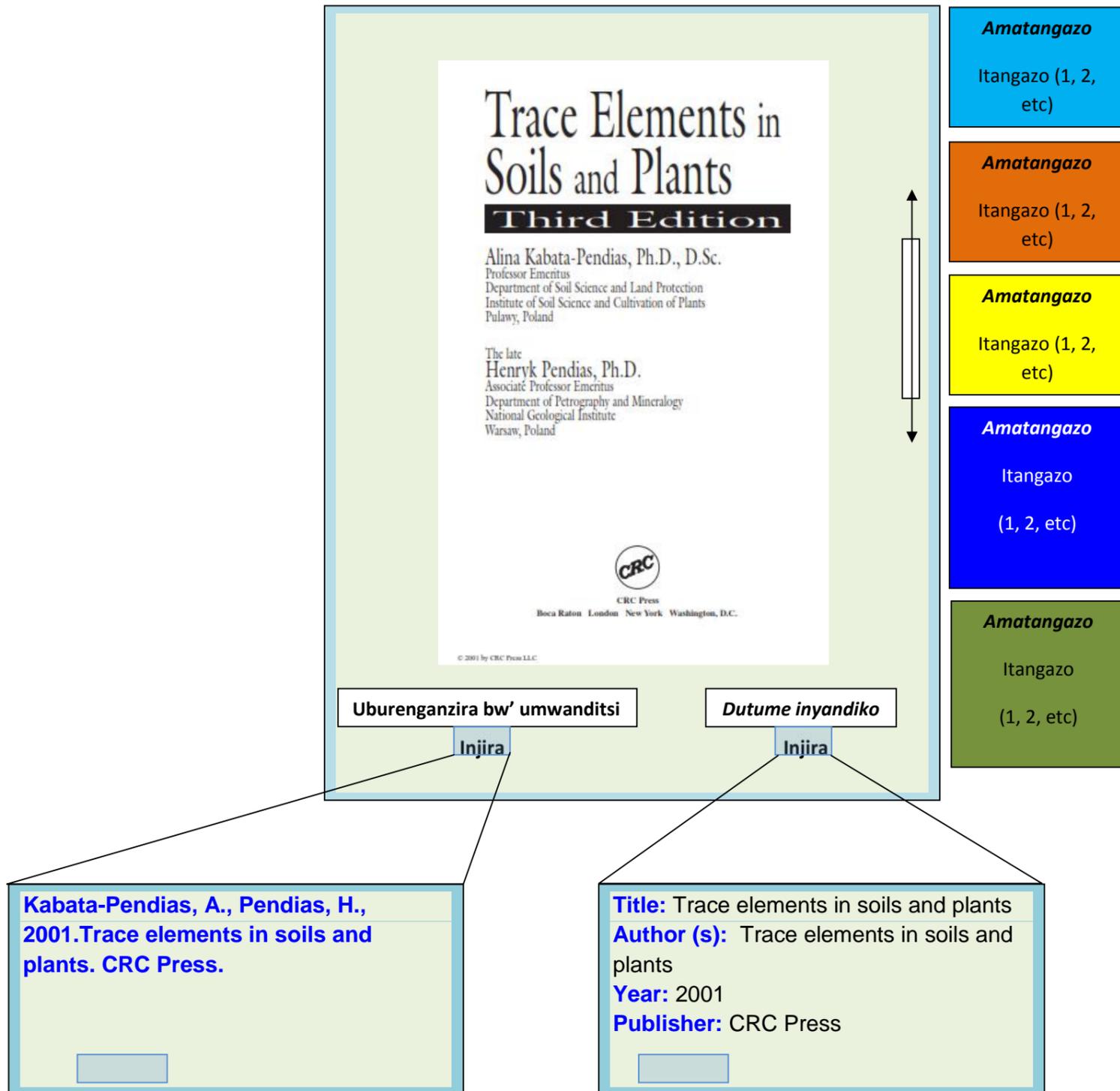
Ishakiro ry' ibitabo <input type="text" value="Izina ry' inyandiko"/> <input type="text" value="Izina ry' Umwanditsi"/> Umwaka: <input type="text" value="Kuva"/> <input type="text" value="Kugeza"/> Injira	Amatangazo Itangazo (1, 2, etc)
Ishakiro ry' inyandiko z'amajwi <input type="text" value="Izina ry' inyandiko"/> <input type="text" value="Izina ry' Umwanditsi"/> Umwaka: <input type="text" value="Kuva"/> <input type="text" value="Kugeza"/> Injira	Amatangazo Itangazo (1, 2, etc)
Ishakiro ry' inyandiko z'amashusho <input type="text" value="Izina ry' inyandiko"/> <input type="text" value="Izina ry' Umwanditsi"/> Umwaka: <input type="text" value="Kuva"/> <input type="text" value="Kugeza"/> Injira	Amatangazo Itangazo (1, 2, etc)
Ishakiro ry' inyandiko z'amashusho <input type="text" value="Izina ry' inyandiko"/> <input type="text" value="Izina ry' Umwanditsi"/> Umwaka: <input type="text" value="Kuva"/> <input type="text" value="Kugeza"/> Injira	Amatangazo Itangazo (1, 2, etc)

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Hashirwaho amashakiro atatu: **Ishakiro ry' ibitabo** (Search for books), **Ishakiro ry' inyandiko z' ajwi** (Search for audio records), **Ishakiro ry' inyandiko z' amashusho** (Search for video records).

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Utuzu tw' umweru ni **amakuru y' ibanze** (information) **umusomyi** (reader) akeneye: **Uburenganzira bw' umwanditsi** (Reference or Citation), **Dutume inyandiko** (Gushakisha inyandiko/Request for a document).

Akambi kari mu gitabo kerekana **gusuni inyandiko** (preview).

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Ibyo wagenderaho ubika inyandiko

Dutume inyandiko	
Title:	Trace elements in soils and plants
Author (s):	Alina Kabata-Pendias, Henryk Pendias
Year:	2001
Edition:	3 rd
Publisher:	CRC Press
Language:	English
Pages:	413 / 403
ISBN 10:	0849315751
ISBN 13:	9780849315756
File:	PDF, 11.93 MB
Category:	Environmental Science

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