

**Guest Editors: C. Riaux-Gobin, L. Ector, Y. Rincé, M. Coste**

***Luticola deniseae* sp. nov. A new epizoic diatom from the Rio Negro (Amazon hydrographic basin)**

C.E. WETZEL, B. VAN DE VIJVER, L. ECTOR - 177-184 - [Abstract](#) - [rokdownload menuitem="84" downloaditem="134" direct\_download="true"]PDF[/rokdownload]

***Achnantheidium druartii* sp. nov. (Achnanthes, Bacillariophyta), a new species invading European rivers.**

F. RIMET, A. COUTÉ, A. PIUZ, V. Berthon, J.-C. Druart - 185-195 - [Abstract](#) - [rokdownload menuitem="85" downloaditem="135" direct\_download="true"]PDF[/rokdownload]

**Recommendations for ecological status assessment of Lake Balaton (largest shallow lake of Central Europe), based on benthic diatom communities**

B. BOLLA, K.T. KISS, N.M. RESKÓNE, C.S. STENGER-KOVÁCS, G. VÁRBÍRÓ, É. ÁCS - 197-208 - [Abstract](#) - [rokdownload menuitem="86" downloaditem="136" direct\_download="true"]PDF[/rokdownload]

**Diatoms and quality of watercourses in North-Central Sardinia**

G.G. LAI, B.M. PADEDDA, S. PULINA, T. VIRDIS, N. SECHI, A. LUGLIÈ - 209-216 - [Abstract](#) - [rokdownload menuitem="87" downloaditem="137" direct\_download="true"]PDF[/rokdownload]

**Morphology of the fossil Pliocene freshwater diatom *Aulacoseira bellicosa* from Nogaret (Escandorgue Massif, France)**

C. CORNET, J. DAGNELIE - 217-221 - [Abstract](#) - [rokdownload menuitem="88" downloaditem="138" direct\_download="true"]PDF[/rokdownload]

**Essay on the characterization of environmental factors structuring communities of epilithic diatoms in the major rivers of the canton of Geneva, Switzerland.**

A. CORDONIER, N. GALLINA, P. M. NIREL - 223-232 - [Abstract](#) - [rokdownload menuitem="89" downloaditem="139" direct\_download="true"]PDF[/rokdownload]

**In situ evaluation of herbicide effects on the composition of river periphytic diatom communities in a region of intensive agriculture.**

V. ROUBEIX, N. MAZZELLA, F. DELMAS, M. COSTE - 233-241 - [Abstract](#) - [rokdownload menuitem="90" downloaditem="143" direct\_download="true"]PDF[/rokdownload]

**A new genus, *Pierrecomperia* gen. nov., a new species and two new combinations in the marine diatom family Cymatosiraceae.**

K. SABBE, B. VANELSLANDER, L. RIBEIR, A. WITKOWSKI, K. MUYLAERT, W. VYVERMAN - 243-256 - [Abstract](#) - [rokdownload menuitem="91" downloaditem="140" direct\_download="true"]PDF[/rokdownload]

***Chaetoceros affinis* blooms in Palauan meromictic marine lake**

S. KONNO , N. INOUE , D. U. HERNÁNDEZ-BECERRIL, R.W. JORDAN - 257-264 - [Abstract](#) - [rokdownload menuitem="92" downloaditem="141" direct\_download="true"]PDF[/rokdownload]

**New marine littoral diatom species (Bacillariophyta) from Kerguelen Islands . II. Heteropolar species of Fragilariaceae.**

A. WITKOWSKI, C. RIAUX-GOBIN, G. DANISZEWSKA-KOWALCZYK - 265-281 - [Abstract](#) - [rokdownload menuitem="93" downloaditem="142" direct\_download="true"]PDF[/rokdownload]