

**Zeitschrift:** Eclogae Geologicae Helvetiae  
**Herausgeber:** Schweizerische Geologische Gesellschaft  
**Band:** 87 (1994)  
**Heft:** 3: Concepts and controversies in phosphogenesis : proceedings of the symposium and workshop held on 6-10 September 1993

## **Inhaltsverzeichnis**

### **Nutzungsbedingungen**

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

### **Conditions d'utilisation**

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

### **Terms of use**

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

**Download PDF:** 25.04.2026

**ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>**

## ECLOGAE GEOLOGICAE HELVETIAE

Volumes 87 – Hefte 1, 2 und 3 – 1994

ALEXANDER, W.R. & MCKINLEY, I.G.:	
Constraints on the use of “in situ distribution coefficients (Kd)” values in contaminant transport modelling .....	321
ATTEIA, O.:	
Transport of major and trace elements in soils and aquifers of different ecosystems of Switzerland ...	409
BEAUVAIS, L.:	
Sur le genre <i>Heliocoenia</i> ETALLON, Scléactiniaire mésozoïque	
<i>On the genus Heliocoenia ETALLON, Mesozoic scleractinia</i> .....	869
BENSIMON, M., LOOSER, M., PARRIAUX, A. & REED, N.:	
Characterization of groundwater and polluted water by ultra trace element analysis, using High Resolution Plasma Source Mass Spectrometry .....	325
Bericht über die 109. ordentliche Generalversammlung der Schweizerischen Geologischen Gesellschaft in Verbier .....	293
BERSEZIO, R. & FORNACIARI, M.:	
Syntectonic Upper Cretaceous deep-water sequences of the Lombardy Basin (Southern Alps, Northern Italy) .....	833
BIAGGI, D., BOSSART, P., KUHLMANN, U. & MUNCHENBERGER, F.:	
Modellierung der Strömung und der Nitrat Ausbreitung im Berner Seeland, Schweiz	
<i>Flow- and nitrate-transportmodelling in the Berner Seeland, Switzerland</i> .....	429
BONDIETTI, G., GEX, P., GINI, G.F., HANSEN, J., HUNZIKER, J. & PFEIFER, H.-R.:	
Heavy metal contamination around the As-Pb-Zn-Au-mine at Astano (Malcantone, Ticino) .....	487
BÜRGIN, T.:	
Echte Knochenfische (Actinopterygii; Teleostei) aus dem Oberen Miozän der Insel Kreta (Griechenland): Vorläufige Resultate	
<i>Teleostean fishes (Actinopterygii; Teleostei) from the Upper Miocene of the Island of Creta (Greece): Preliminary results</i> .....	1007
CONTI, P., MANATSCHAL, G. & PFISTER, M.:	
Synrift sedimentation, Jurassic and Alpine tectonics in the central Ortler nappe (Eastern Alps, Italy) .....	63
FLÜGEL, H.W. & TRÜMPY, R.:	
Ein Lied von Armin Baltzer (1906) und die Kritik am «Nappismus»	
<i>A song by Armin Baltzer (1906) and the criticism of “Nappismus”</i> .....	1
FÖLLMI, K.B.:	
Concepts and controversies in phosphogenesis – an introduction .....	639

FROITZHEIM, N., SCHMID, S.M. & CONTI, P.:	
Repeated change from crustal shortening to orogen-parallel extension in the Austroalpine units of Graubünden .....	559
GALBRUN, B., MOUTERDE, R., BAUDIN, F., DANELIAN, T. & DERCOURT, J.:	
L'Ammonitico-Rosso Toarcien de la zone ionienne (Epire, Grèce): Magnétostratigraphie et biostratigraphie	
<i>Magnetostratigraphy and biostratigraphy of the Toarcian Ammonitico-Rosso Formation from the Ionian zone (Epirus, Greece)</i> .....	91
GARZANTI, E., GORZA, M., MARTELLINI, L. & NICORA, A.:	
Transition from diagenesis to metamorphism in the Paleozoic to Mesozoic succession of the Dolpo-Manang Synclinorium and Thakkhola Graben (Nepal Tethys Himalaya) .....	613
GAUDANT, J., MONDAIN, P.-H. & DECROUEZ, D.:	
Découverte d'un <i>Palaeorhynchus</i> dans les «Schistes à Meletta» du synclinal de Champlaitier (Massif des Bornes, Haute-Savoie, France)	
<i>Discovery of a Palaeorhynchus in the "Schistes à Meletta" of the Synclinal of Champlaitier (Bornes Massiv, Haute-Savoie, France)</i> .....	995
GECZY, P., MEISTER, C.:	
Composition des faunes d'ammonites pour le Domérien du Bakony (Hongrie) et comparaison avec les principales régions du nord-ouest de la Téthys	
<i>Faunal compositions of Domerian ammonites from the Bakony Mountains (Hungary) and comparison with the main areas of the North-West Tethys</i> .....	975
GEIGER, G. & SCHULIN, R.:	
Mass flux analysis for assessing exposure of humans to heavy metals from soils .....	469
GENDRE, F., BECK, C., RUCH, P., KÜBLER, B.:	
Human impacts on coral ecosystems at Mauritius island: Coprostanol in surface sediments .....	357
GLENN, C.R., FÖLLMI, K.B., RIGGS, S.R., BATURIN, G.N., GRIMM, K.A., TRAPPE, J., ABED, A.M., GALLI-OLIVIER, C., GARRISON, R.E., ILYIN, A.V., JEHL, C., ROHRlich, V., SADAQAH, R.M.Y., SCHIDLOWSKI, M., SHELDON, R.E. & SIEGMUND, H.:	
Phosphorus and phosphorites: Sedimentology and environments of formation .....	747
GUDMUNDSSON, G.H.:	
An order-of-magnitude estimate of the current uplift-rates in Switzerland caused by the Würm Alpine deglaciation .....	545
HESS, H.:	
New specimen of the sea star <i>Testudinaster peregrinus</i> HESS from the Middle Jurassic of northern Switzerland .....	987
HOEHN, E. & PFEIFER, H.-R.:	
Pollution and pollutant transport in the geosphere: An introduction to the symposium .....	311
HOFMANN, F.:	
Beobachtungen zur Quartärgeologie des Schaffhauser Klettgaus (Schweiz)	
<i>Quaternary geology in the Klettgau-Region (Kt. Schaffhausen, Switzerland)</i> .....	241
HSÜ, K.J., YONGYUN, Y., JIE, H., HSÜ, P., JILIANG, L. & QINGCHEN, W.:	
Origin of Chinese Tianshan by Arc-Arc Collisions .....	265

Jahresindex	1069
JARVIS, I., BURNETT, W.C., NATHAN, Y., ALMBAYDIN, F.S.M., ATTIA, A.K.M., CASTRO, L.N., FLICOTEUX, R., HILMY, M.E., HUSAIN, V., QUATAWNAH, A.A., SERJANI, A. & ZANIN, Y.N.: Phosphorite geochemistry: State-of-the-art and environmental concerns .....	643
KOZEL, R. & ZWAHLEN, F.: Methodical approach for the detection of pesticides in groundwater: A Swiss example .....	439
KRAJEWSKI, K.P., VAN CAPPELLEN, P., TRICHET, J., KUHN, O., LUCAS, J., MARTÍN-ALGARRA, A., PRÉVÔT, L., TEWARI, V.C., GASPAR, L., KNIGHT, R.I., LAMBOY, M.: Biological processes and apatite formation in sedimentary environments .....	701
KUHN, O. & ETTER, W.: Der Posidonienschiefer der Nordschweiz: Lithostratigraphie, Biostratigraphie, Fazies <i>The Posidonia Shale of northern Switzerland: Lithostratigraphy, biostratigraphy, facies</i> .....	113
KUHN-SCHNYDER, E.: Bemerkungen über Pachypleurosaurier aus der Mitteltrias des Monte San Giorgio, Schweiz <i>Reflections on Pachypleurosaurs from the Middle-Triassic of the Monte San Giorgio, Switzerland</i> .....	1023
LÖW, S. & GUYONNET, D.: Critical parameters controlling pollutant migration from waste disposal sites: Field investigations and influence on aquifer pollution .....	451
MARQUER, D., BAUDIN, T., PEUCAT, J.-J. & PERSOZ, F.: Rb-Sr mica ages in the Alpine shear zones of the Truzzo granite: Timing of the Tertiary alpine P-T-deformations in the Tambo nappe (Central Alps, Switzerland) .....	225
MARTINSON, C.: Geochemical interactions of a saline leachate with Molasse at a landfill site: A case study .....	473
MEISTER, CH., BLAU, J. & BÖHM, F.: Ammonite biostratigraphy of the Pliensbachian stage in the Upper Austroalpine Jurassic .....	139
MENKVELD-GFELLER, U.: Die Wildstrubel-, die Hohgant- und die Sanetsch-Formation: Drei neue lithostratigraphische Einheiten des Eocaens der helvetischen Decken <i>Three new Eocene lithostratigraphic units of the Helvetic nappes: The Wildstrubel, Hohgant and Sanetsch formations</i> .....	789
MÖDDEN, C.: Systematik und Nomenklatur der Issiodoromyinae TULLBERG, 1899 (1884) (Rodentia, Theridomyidae) des europäischen Paläogen <i>Systematics and nomenclature of the Issiodoromyinae TULLBERG, 1899 (1884) (Rodentia, Theridomyidae) of the European Paleogene</i> .....	1037
MOLINA, E., CANUDO, J.I., MARTÍNEZ-RUIZ, F. & ORTIZ, N.: Integrated stratigraphy across the Paleocene/Eocene boundary at Caravaca, southern Spain .....	47
MONACO, P., NOCCHI, M., ORTEGA-HUERTAS, M., PALOMO, I., MARTINEZ, F. & CHIAVINI, G.: Depositional trends in the Valdorbica Section (Central Italy) during the Early Jurassic, as revealed by micropaleontology, sedimentology and geochemistry .....	157
MOSAR, J.: Géologie structural à l'est de Montreux (Préalpes médianes plastiques, Suisse) <i>Structural geology east of Montreux (Préalpes médianes plastiques, Switzerland)</i> .....	11

PFEIFER, H.-R., VUST, M., MEISSER, N., DOPPENBERG, R., TORTI, R.C., DOMERGUE, F.-L., KELLER, C. & HUNZIKER, J.:	
Uranium-enrichment in soils and plants in the vicinity of a pitchblende vein at La Creusaz/ Les Marécottes (W of Martigny, Valais, Switzerland) .....	491
PFISTER, T. & WEGMÜLLER, U.:	
Beschreibung, Vergleich und Verbreitung der Bivalven-Arten aus den Belpbergschichten (Obere Meeresmolasse, mittleres Burdigalien) in der Umgebung von Bern, Schweiz. 1. Teil: Palaeotaxodonta und Pteriomorphia exklusive Ostreacea	
<i>Description, comparison and distribution of species of Bivalves from the Belpbergschichten (Upper Marine Molasse, middle Burdigalian) near Berne, Switzerland. Part 1: Palaeotaxodonta and Pteriomorphia pro parte</i> .....	895
PITTET, B.:	
Modèle d'estimation de la subsidence et des variations de niveau marin: Un exemple de l'Oxfordien du Jura suisse	
<i>A model for the estimation of subsidence and sea level variations: An example of the Oxfordian of the Swiss Jura</i> .....	513
REUMER, J.W.F.:	
The insectivorous mammals (Marsupialia: Didlphidae; Insectivora: Nyctitheriidae; Chiroptera) from the early Oligocene of Balm, Switzerland .....	1029
RIEBER, H.:	
Emil Kuhn-Schnyder (29. April 1905 – 30. Juli 1994) .....	865
RING, U.:	
The kinematics of the late Alpine Muretto fault and its relation to dextral transpression across the Periadriatic line .....	811
ROMER, M.:	
Anorganische Partikel in der menschlichen Lunge	
<i>Anorganic particles in the human lung</i> .....	503
SPAN, D., DOMINIK, J., LOIZEAU, J.-L., ARPAGAU, P. & VERNET, J.-P.:	
Phosphorus evolution in three sub-alpine lakes: Annecy, Geneva and Lugano: Influence of lake restoration managements .....	369
STIPP, S.L.S.:	
Understanding interface processes and their role in the mobility of contaminants in the geosphere: The use of Surface Sensitive Techniques .....	335
SURBECK, H.:	
Natural radionuclides in drinking water as pollutants and as usefule tracers .....	445
TAVARNELLI, E.:	
Map analysis techniques and fold kinematics in the Umbrian Apennines, Italy .....	33
THOMAS, R.L. & FRANK, R.:	
Trends in organic pollutants in Lake Ontario sediments 1968–1987 .....	403
THUNUS, V., ZUUR, E., LAMBERT, P. & GODET, C.-H.:	
A numerical simulation of transport and sedimentation of suspended particles in Lake Neuchâtel ....	385
WILDI, W.:	
Pollution and pollutant transport in the geosphere: Preface .....	309