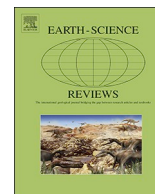




ELSEVIER

Contents lists available at ScienceDirect

Earth-Science Reviews

journal homepage: www.elsevier.com/locate/earscirev

Comparability of heavy mineral data – The first interlaboratory round robin test



István Dunkl^{a,*}, Hilmar von Eynatten^a, Sergio Andò^b, Keno Lünsdorf^a, Andrew Morton^c, Bruce Alexander^d, László Aradi^e, Carita Augustsson^f, Heinrich Bahlburg^g, Marta Barbarano^h, Aukje Benedictusⁱ, Jasper Berndt^j, Irene Bitz^k, Flora Boekhout^g, Tim Breitfeld^l, João Cascalho^m, Pedro J.M. Costaⁿ, Ogechi Ekwenye^o, Kristóf Fehér^p, Valentina Flores-Aqueveque^q, Philipp Führung^a, Paulo Giannini^r, Walter Goetz^s, Carlos Guedes^t, György Gyurica^u, Juliane Hennig-Breitfeld^{l,v}, Julian Hülscher^w, Mahdi Jafarzadeh^x, Robert Jagodziński^y, Sándor Józsa^p, Péter Kelemen^p, Nynke Keulen^z, Marijan Kovacic^{aa}, Christof Liebermann^l, Mara Limonta^b, Borna Lužar-Oberiter^{ab}, Frane Markovic^{aa}, Frank Melcher^{ac}, Dóra Georgina Miklós^p, Ogechukwu Moghalu^o, Ian Mounteney^{ad}, Daniel Nascimento^{ae}, Tea Novaković^{ab}, Gabriella Obbágy^{af}, Mathias Oehlke^s, Jenny Ommaⁱ, Peter Onuk^{ac}, Sandra Passchier^{ag}, Katharina Pfaff^{ah}, Luisa Pinto Lincoñir^{ai}, Matthew Power^{aj}, Ivan Razum^{ak}, Alberto Resentini^b, Tamás Sági^p, Dorota Salata^{al}, Rute Salgueiro^{am}, Jan Schöning^a, Maria Sitnikova^{an}, Beata Sternal^y, György Szakmány^p, Monika Szokaluk^{ao}, Edit Thamó-Bozsó^{ap}, Ágoston Tóth^p, Jonathan Tremblay^{aq}, Jasper Verhaegen^{ar}, Tania Villaseñor^{ai}, Michael Wagreich^{as}, Anna Wolf^a, Kohki Yoshida^{at}

^a Department of Sedimentology and Environmental Geology, Geoscience Center, University of Göttingen, Goldschmidstr. 3, D-37077 Göttingen, Germany

^b Department of Earth and Environmental Sciences, University of Milano Bicocca, Piazza della Scienza 4, I-20126 Milano, Italy

^c HM Research Associates, Giddanmu, Musselwick Road, St Ishmaels, Pembrokeshire SA62 3TJ, UK

^d School of Science, University of Greenwich, Central Avenue, Chatham Maritime, Kent ME4 4TB, UK

^e Lithosphere Fluid Research Laboratory, Eötvös Loránd University, Pázmány P. sétány 1/C, H-1117 Budapest, Hungary

^f Institutt for Energiressurser, N-4036 Stavanger, Norway

^g Institut für Geologie und Paläontologie, Westfälische Wilhelms-Universität, Corrensstrasse 24, D-48149 Münster, Germany

^h Chemostrat Ltd 1, Ravenscroft Court, Buttington Enterprise Park, Welshpool SY21 8SL, UK

* Corresponding author.

E-mail addresses: istvan.dunkl@geo.uni-goettingen.de (I. Dunkl), hilmar.von.eynatten@geo.uni-goettingen.de (H. von Eynatten), sergio.ando@unimib.it (S. Andò), kluensd@gwdg.de (K. Lünsdorf), heavyminerals@hotmail.co.uk (A. Morton), B.Alexander@greenwich.ac.uk (B. Alexander), aradi.laszloelod@gmail.com (L. Aradi), carita.augustsson@uis.no (C. Augustsson), bahlbur@uni-muenster.de (H. Bahlburg), martabarbarano@chemostrat.com (M. Barbarano), aukje.benedictus@rocktype.com (A. Benedictus), jberndt@uni-muenster.de (J. Berndt), Irene.Bitz@lbg.niedersachsen.de (I. Bitz), boekhout@uni-muenster.de (F. Boekhout), t.breitfeld@es.rhul.ac.uk (T. Breitfeld), jpcascalho@fc.ul.pt (J. Cascalho), ppcosta@dct.uc.pt (P.J.M. Costa), ogechi.ekwenye@unn.edu.ng (O. Ekwenye), lorcs@hotmail.hu (K. Fehér), v.flores.a@gmail.com (V. Flores-Aqueveque), philipp.fuehring@stud.uni-goettingen.de (P. Führung), pcgianni@usp.br (P. Giannini), goetz@mps.mpg.de (W. Goetz), ccfguedes@gmail.com (C. Guedes), gyuricza.gyorgy@mbfsz.gov.hu (G. Gyurica), j.hennig@es.rhul.ac.uk (J. Hennig-Breitfeld), julian.huelscher@fu-berlin.de (J. Hülscher), m.jafarzadeh@shahroodut.ac.ir (M. Jafarzadeh), jagodus@amu.edu.pl (R. Jagodziński), sandor-jozsa@caesar.elte.hu (S. Józsa), kelemenpeter1991@gmail.com (P. Kelemen), ntk@geus.dk (N. Keulen), marijan.kovacic@gfz.hr (M. Kovacic), chris.liebermann@gmail.com (C. Liebermann), maralimonta@unimib.it (M. Limonta), bluzar@geol.pmf.hr (B. Lužar-Oberiter), frane.markovic@geol.pmf.hr (F. Markovic), Frank.Melcher@unileoben.ac.at (F. Melcher), miklosdoragina94@gmail.com (D.G. Miklós), ogechukwu.moghalu@unn.edu.ng (O. Moghalu), iaian1@bgs.ac.uk (I. Mounteney), daniel.rodrigues@ufc.br (D. Nascimento), teanovakovic@gmail.com (T. Novaković), obbagy.gabriella@atomki.mta.hu (G. Obbágy), oehlke@gmx.de (M. Oehlke), jenny.omma@rocktype.com (J. Omma), Peter.Onuk@unileoben.ac.at (P. Onuk), passchiers@mail.montclair.edu (S. Passchier), kpaff@mines.edu (K. Pfaff), lpinto@ing.uchile.cl (L.P. Lincoñir), matt@powerotero.com (M. Power), irazum@hpm.hr (I. Razum), alberto.resentini@unimib.it (A. Resentini), sagi.tamas@ttk.elte.hu (T. Sági), dorota.salata@uj.edu.pl (D. Salata), rute.salgueiro@lneg.pt (R. Salgueiro), jan.schoenig@uni-goettingen.de (J. Schöning), MariaAlexandrovna.Sitnikova@bgr.de (M. Sitnikova), sternal@amu.edu.pl (B. Sternal), szakmany@caesar.elte.hu (G. Szakmány), monika.szokaluk@amu.edu.pl (M. Szokaluk), bozso.edit@mbfsz.gov.hu (E. Thamó-Bozsó), toth.agoston01@gmail.com (Á. Tóth), jtremblay@iosgeo.com (J. Tremblay), jasper.verhaegen@kuleuven.be (J. Verhaegen), tania.villasenor.j@gmail.com (T. Villaseñor), michael.wagreich@univie.ac.at (M. Wagreich), anna.fe@gmx.de (A. Wolf), kxyoshid@shinshu-u.ac.jp (K. Yoshida).

<https://doi.org/10.1016/j.earscirev.2020.103210>

Available online 16 June 2020

0012-8252/ © 2020 Elsevier B.V. All rights reserved.