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NENIMF: Supplementary Information: Complete list of the NENIMF users during 2007-2009

Students (both graduate and undergraduate) are identified with an asterisk.

Non-WHOI Users and Collaborators (United States)

S. Ahn (Materials Science postdoc, MIT): Co, Sr and O isotopes in a seconductor experimental materials. 1280.

S. Baldwin (Syracuse Univ.): U-Pb dating and trace element characteristics of zircons. 1280.

**T. Blacknurn* (Graduate student, MIT): Zr in rutiles for geothermometry/geospeedometry. 1280.

R. Bodnar (Virginia Tech.): Volatiles in CPX-hosted melt inclusions. 1280.

H. Bosbyshell (West Chester Univ.): U-Pb dating of zircons from metaigneous rocks. 1280.

**M. Brounce* (Undergraduate student, Penn State Univ.): Volatiles, light lithophile elements and B isotopes in olivine-hosted meltinclusions and glass scoria from Iceland. 1280 and 3f.

J. Bryce (Univ. New Hampshire): Pb isotope variations during crustal contamination. 1280.

**C. Bucholz* (Undergraduate Student, Yale Univ.): Ti in quartz thermometry in UHP rocks. 1280.

**C. Calvin* (Graduate student, Brown Univ.): H2O and CO2 in lunar glasses. 1280.

J. Cheney (Amherst College): U, Th-Pb dating of monazites and zircons. 1280.

**M. Crowley* (Graduate student, LDEO): Light lithophile element diffusion in experimental mineral-melt pairs. 3f.

K. Cobb (Georgia Tech): Mg and Sr in corals. 3f.

R. Dasgupta (LDEO-Rice Univ.): Solubility of C in Fe-rich metal at high pressures, and silicate melt-metal melt partitioning. 1280.

**R. Esposito* (Graduate student, Virginia Tech.): Volatiles in melt inclusions. 1280.

M. Feineman (Penn State Univ.): Volatiles, light lithophile elements and B isotopes in olivine-hosted melt inclusions. 1280 and 3f.

K. Hanghøj (LDEO) Trace elements in peridotite minerals. 3f.

**S. Harris* (Graduate student, Brown Univ.): H2O in impact glasses. 3f.

**L. Hayden* (Graduate student, RPI): Carbon diffusion in Ni. 1280.

**E. Head* (Graduate student, Michigan Tech. Univ.): Volatiles in olivine-hosted melt inclusions. 1280.

G. Hirth (Brown Univ.): Al and Ti in olivines. 1280.

M. Jackson (DTM): REE and trace elements in clinopyroxenes. 3f.

P. Kelemen (LDEO): Trace elements in zircons, a provenance study; trace elements in cpx and plagioclase in oceanic gabbros. 3f.

T. Kraemer (USGS): Magnesium isotopes in carbonates as a proxy for paleothermometry. 1280.

**A. Koleszar* (Graduate student, Oregon State Univ.): Volatiles in melt inclusions. 1280.

M. Laubier (Harvard Univ.): Volatiles in melt inclusions from FAMOUS, MAR. 1280.

**S. Lincoln* (Graduate student, MIT): Mg/Ca in foraminiera (culture experiments). 3f.

**K. Kanamaru* (Graduate student, Univ Massachusetts): Sr/Ca in coccoliths. 1280.

K. Limburg (SUNY, Syracuse): C and O isotopes in otoliths. 1280.

C. Mandeville (AMNH): S isotopes in natural and experimental glasses and glass inclusions. 1280.

M. Mangan (USGS): H2O–CO2 saturation in basaltic and high-silica melts at high pressures. 1280.

**M. McCanta* (Graduate student, Brown University, now at Tufts Univ.): trace elements in experimental melts. 3f.

**S. McCoy* (Undergraduate student, U. Chicago): B/Ca ratios in mussel shells. 1280.

E. Medard (MIT): H2O in experimental glasses. 3f.

S. Mukasa (Univ. Michigan): volatiles in melt inclusions. 1280.

E. Nadin (Brown Univ.): Ti in quartz in shear zones. 1280.

**M. Peterson* (Undergraduate student, Univ. Michigan): Volatiles in olivine-hosted melt inclusions. 1280 and 3f.

T. Plank (LDEO): Volatiles in melt inclusions 1280.

J. Pyle (RPI): U, Th-Pb dating of metamorphic monazites. 1280.

K. Robertson (Univ. Nevada): Volatiles and Li, B and S isotopes in olivine-hosted melt inclusions and matrix glasses from Kamchatka. 1280 and 3f.

M. Rutherford (Brown Univ.): Volatiles in natural and experimental glasses. 1280.

**H. Sayani* (Undergraduate student, Georgia Tech): Mg and Sr in corals. 3f.

**B. Sell* (Graduate student, Syracuse Univ.): Trace elements in apatites. 3f.

**M. Severs* (Graduate student, Virginia Tech.): Volatiles in melt inclusions. 1280.

T. Sisson (USGS): Volatiles in melt inclusions. 1280.

F. Spear (RPI): U-Pb and U, Th-Pb dating of metamorphic zircons and monazites.; Ti in quartz thermometry in Cycladian HP rocks 1280.

S. Straub (LDEO): Cl isotopes in melt inclusions from Marianas. 1280.

**C. Stefano* (Graduate student, Univ. Michigan): Volatiles in olivine-hosted melt inclusions. 1280 and 3f.

H. Stoll (Williams College – Univ. Oviedo, Spain): Productivity change during PETM through Sr/Ca in coccoliths. Calibration on B/Ca pH proxy in cultured coccoliths. 1280 and 3f.

**M. Sundberg* (Graduate student, Brown Univ): Al and Ti in olivine. 1280.

**C. Till* (Graduate student, MIT): Trace elements in cpx from subduction zone peridotites. 3f.

B. Watson (RPI): Diffusive Isotopic Fractionation of C, S, Cl. 1280.

J. Webster (AMNH): Cl isotopes in natural and experimental glasses. 1280.

**V. Wolf* (Undergraduate student, MIT): Pb, U-Th in slags. 3f.

Z. Wang (Yale Univ.) UHP rocks. 1280.

L. Yan (Brown Univ.): Ti and Y in peridotite minerals in melt-rock reactions 1280.

G. Xu (MIT): U and Th in carbonates 3f

Non-WHOI Users and Collaborators (Foreign)

**C. Dalou* (Graduate student, Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.

J. Erez (Hebrew Univ. of Jerusalem, Israel): Coral and foraminifera biomineralization. 3f.

U. Hara (Polish Geological Institute, Poland): Mg and Sr in Samartian Bryozoans. 1280.

**C. Helo* (Graduate student, McGill Univ., Canada): Volatiles in melt inclusions. 1280.

M. Jasinowski (Polish Geological Institute, Poland): Elemental (Mg and Sr) and isotopic (C, O) geochemistry of the Sarmatian Bryozoans. 1280 and 3f.

V. Kamenetsky (Univ. of Tasmania, Australia): Volatiles, lighht lithophile elements and B isotopes in olivine-hosted melt inclusions. 1280.

K. Koga (Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.

G. Layne (Memorial Univ., Canada): Cl isotopes in melt inclusions from Marianas. 1280.

**M.-A. Longpre* (Graduate student, McGill Univ., Canada): volatiles in melt inclcusions; trace elements in melt inclusions. 1280 and 3f.

**M. Le Voyer* (Graduate student, Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.

**O. Nadeau* (Graduate student, McGill Univ., Canada): Volatiles in CPX-hosted melt inclusions. 1280.

R. Rapp (ANU, Australia): Trace element distribution in clinopyroxene, garnet, K-hollandite and melt at high pressures. 3f.

E. Rose-Koga (Cl.-Ferrand, France): Volatiles and trace elements in melt inclusions. 1280 and 3f.

**I. Schipper* (Graduate student, Univ. Otago, New Zealand): Volatiles in melt inclusions and matrix glasses. 1280.

K. Shimizu (JAMSTEC, Japan): Volatiles and trace elements in spinel-hosted melt inclusions from komatiites and picrites from Gorgona Island, Colombia. 1280 and 3f.

J. Stix (McGill Univ., Canada): Volatiles in CPX-hosted melt inclusions. 1280.

WHOI Users and Collaborators

K. Bice : Mg/Ca in foraminifera as a paleo-SST proxy. 3f.

J. Blusztajn: Pb isotopes in sulfides from ultraslow-spreading abyssal peridotites. 1280.

A. Cohen: Sr/Ca, Mg/Ca, Ba/Ca, U/Ca in coral biomineralization, natural and experimental. 1280 and 3f.

W. Curry: Mg/Ca in foraminifera as a paleo-SST proxy. 3f.

H. Dick: trace elements in peridotite minerals. 3f.

**C. Frame*: Microbial fixation of nitrogen in open ocean. 1280.

G. Gaetani: Trace element distribution in biomineralization (experimental); HFSE distribution between rutile and melt at high pressures (experimental), and HFSE in UHP rutiles (natural). 1280 and 3f.

A. Gurenko: volatiles and B isotopes in melt inclusions 1280.

**M. Holcomb*: B isotopic composition in abiotic aragonite. 1280.

J. Lissenberg: Ti in zircons; U-Pb dating of oceanic crust zircons. 1280.

N. Keller: Volatiles and S isotopes in natural glasses and glass inclusions. 1280.

M. Kurz: Volatiles in glasses and glass inclusions from Loihi, CO2-He connection. 1280.

D. McCorkle: Mg/Ca in foraminifera. 3f..

**K. McMahon*: Sulfur isotopes in fish otoliths. 1280.

J. O'Leary : D/H ratios in melt inclusions. 1280.

L. Robinson: B/Ca ratios in mussel shells. 1280.

K. Rose: Mg/Ca in foraminifera; Mg/Ca,, Sr/Ca in aragonites. 3f, 1280.

O. Rouxel: Microbial sulfur isotope fractionation in marine hydrothermal sulfides. 1280.

A. Shaw: Volatiles and B isotopes in natural glasses and glass inclusions. 1280.

A. Soule: Volatiles in glasses. 1280.

S. Thorrold: Trace elements and S isotopes in otoliths. 1280.

J. Yamamoto: S isotopes in Loihi glasses. 1280.

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