

## CONTENTS OF No. 375, JUNE 1990

|  | <i>page</i> |
|--|-------------|
| A. H. RANKIN, D. H. M. ALDERTON, and T. J. SHEPHERD: European Current Research on Fluid Inclusions (ECROFI X)—Introduction   | 143         |
| <i>Magmatic/metamorphic environment</i>  |             |
| T. ANDERSEN, H. AUSTRHEIM and E. A. J. BURKE: Fluid inclusions in granulites and eclogites from the Bergen arcs, Caledonides of W. Norway  | 145         |
| H. BARR: Preliminary fluid inclusion studies in a high-grade blueschist terrain, Syros, Greece   | 159         |
| M. CATHELINÉAU, M. LESPINASSE, A. M. BASTOUL C. BERNARD and J. LEROY: Fluid migration during contact metamorphism: the use of oriented fluid inclusion trails for a time/space reconstruction  | 169         |
| B. DE VIVO, A. LIMA and V. SCRIBANO: CO <sub>2</sub> fluid inclusions in ultramafic xenoliths from the Iblean Plateau, Sicily, Italy   | 183         |
| T. H. HANSTEEN and W. J. LUSTENHOUWER: Silicate melt inclusions from a mildly peralkaline granite in the Oslo paleorift, Norway  | 195         |
| M. POUTAINEN: Evolution of a metamorphic fluid during a progressive metamorphism in the Joroinen–Sulkava area, southeastern Finland, as indicated by fluid inclusions  | 207         |
| J. J. WILKINSON: The role of metamorphic fluids in the development of the Cornubian orofield: fluid inclusion evidence from south Cornwall   | 219         |
| <i>Ore environments—gold mineralization</i>  |             |
| M. C. BOIRON, M. CATHELINÉAU, J. DUBESSY and A. M. BASTOUL: Fluids in Hercynian Au veins from the French Variscan belt   | 231         |
| C. J. S. DE ALVARENGA, M. CATHELINÉAU and J. DUBESSY: Chronology and orientation of N <sub>2</sub> –CH <sub>4</sub> , CO <sub>2</sub> –H <sub>2</sub> O, and H <sub>2</sub> O-rich fluid-inclusion trails in intrametamorphic quartz veins from the Cuiabá gold district, Brazil | 245         |
| N. GUILHAUMOU, M. SANTOS, J. C. TOURAY, C. BENY and M. DARDENNE: Multiphase methane-rich fluid inclusions in gold-bearing quartz as illustrated at Pontal (Goias, Brazil)  | 257         |
| E. QUILEZ, J. SIERRA and E. VINDEL: A fluid inclusion study and genetic model of wolframite-bearing quartz veins, Garganta de los Montes, Spanish Central System   | 267         |
| <i>Ore environments—base-metal mineralization</i>  |             |
| M. BONI, A. H. RANKIN and M. SALVADORI: Fluid inclusion evidence for the development of Zn–Pb–Cu–F skarn mineralization in SW Sardinia, Italy  | 279         |
| M. GIAMELLO, F. RICCOBONO and G. SABATINI: Genesis of the Pb–Zn deposit at Sant’Antonio Di Val D’Aspra, Southern Tuscany (Italy): disparity between geo-petrographic data and fluid inclusion microthermometry   | 289         |
| <i>Near-surface and surficial environments</i>   |             |
| R. J. BODNAR: Petroleum migration in the Miocene Monterey Formation, California, USA: constraints from fluid-inclusion studies   | 289         |
| A. CANALS-SABATE, J. C. TOURAY and J. FABRE: Fluid inclusions in thenardite from northern Mali: experimental stretching and microthermometric investigations   | 305         |
| N. GUILHAUMOU, N. SZYDŁOWSKII and B. PRADIER: Characterization of hydrocarbon fluid inclusions by infra-red and fluorescence microspectrometry   | 311         |
| U. F. HEIN, V. LÜDERS and P. DULSKI: The fluorite vein mineralization of the southern Alps: combined application of fluid inclusions and rare earth elements (REE) distribution  | 325         |
| A. H. RANKIN, B. L. HODGE and M. MOSER: Unusual, oil-bearing inclusions in fluorite from Baluchistan, Pakistan   | 335         |
| <i>Book reviews</i>  | 343         |