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ENERGIE

1. REMPEL H., SCHMIDT-THOME M. Hydrocarbon potential of the Baltic sea region. *Zeitschrift für Angewandte Geologie. Sonderheft; n° 2, 2004, p. 17-27.*

Keywords: Natural gas; Petroleum; Production; Consumption; Pipelines; Resources; Baltic sea; Baltic region.

2. SLIAUPA S., LASKOVA L., LAZAUSKIENE J. The petroleum system of the Lithuanian offshore region. *Zeitschrift für Angewandte Geologie. Sonderheft; n° 2, 2004, p.41-59.*

Keywords: Offshore possibilities; Petroleum; Cambrian; Ordovician; Silurian; Devonian; Sedimentary basin; Source rocks; Reservoir rocks; Reservoir properties; Traps; Lithuania; Baltic sea.

ENVIRONNEMENT

3. OUBBIH J., SAIDI N., BRHADA F. Concentrations totales en métaux lourds dans les sols d'une région minière Pb/Zn et d'une fonderie dans la Haute Moulouya (Maroc) et perspective d'une phytoremédiation par *Festuca arvernensis* et *Koeleria cristata*. *Bull. Soc. Hist. Nat. Toulouse ; t. 143, 2006, p.31-38.*

Mots-clés : Sites miniers ; *Festuca arvernensis* ; *Koeleria cristata* ; Phytoremédiation.

4. SCHMIDT W., KRAMMER K., RÜHL S. Characterization and clean-up proposal for a chromium(VI) contaminated site in Mexico. *Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.145-164.*

Keywords: Characterization; Chromium(VI) threshold values; Chromium ore processing residue (COPR); Cromatos de Mexico S.A.; Clean-up; Groundwater contamination; Hazardous waste; Reduction technologies; Respiratory intake; Sidewall barriers; Soil ingestion; Health risk; Toxic residue.

GEOCHIMIE

5. BAILIE R., ARMSTRONG R., REID D. The Bushmanland Group supracrustal succession, Aggeney, Bushmanland, South Africa: provenance, age of deposition and metamorphism. *South African Journal of Geology; vol. 110, n° 1, 2007, p. 59-86.*

Keywords: Age; U-Pb; Geochronology; Trace element; Isotopes; Sm-Nd isotope data; Provenance; Deposition; Metasediments; Bushmanland; South Africa.

6. BAILIE R., ARMSTRONG R., REID D. Composition and single zircon U-Pb emplacement and metamorphic ages of the Aggeney granite suite, Bushmanland, South Africa. *South African Journal of Geology; vol. 110, n° 1, 2007, p.87-110.*

Keywords: Granitic gneiss; Petrochemistry; Age; Geochronology; U-Pb; Zircon; Tectonic; Bushmanland; South Africa.

7. BARTOS P.J., NELSON E.P., MISANTONI D. The Sweet Home rhodochrosite specimen mine, Alma district, Central Colorado: the porphyry molybdenum-fluorine connection. *Mineralium Deposita; vol. 42, n° 3, 2007, p. 235-250.*

Keywords: Rhodochrosite; Climax-type system; Sweet Home mine; Fluorite.

8. BENITO M.I., MAS R. Origin of Late Cretaceous dolomites at the southern margin of the Central System, Madrid Province, Spain. *Journal of Iberian Geology; vol. 33, n° 1, 2007, p. 41-54.*

Keywords: Dolomitization ; Petrography ; Geochemistry ; Stable isotope; Strontium isotopes; Late Cretaceous; Central System; Spain.

9. BIRKENMAJER K., PECSKAY Z., GRABOWSKI J. Radiometric dating of the Tertiary volcanics in Lower Silesia, Poland. V. K-Ar and palaeomagnetic data from Late Oligocene to Early Miocene basaltic rocks of the North-Sudetic depression. *Ann. Soci. Geol. Poloniae ; vol. 77, n° 1, 2007, p. 1-16.*

Keywords : K-Ar dating ; Basaltoid volcanics ; Palaeomagnetism ; Late Oligocene ; Early Miocene; Lower Silesia; Poland.

10. CHEN B., LIU S., WANG R. Nd-isotopic geochemistry of the Late Archean-Paleoproterozoic granitoids in the Lüliang-Wutai terrain, North China craton and implications for petrogenesis. *Acta Geol. Sinica; vol. 80, n° 6, 2006, p.834-843.*

Keywords : Geochemistry; Nd-Sr isotopes; Granitoids; Late Archean-Paleoproterozoic; Wutai-Lüliang.

11. CROSS A.J., CRISPE A.J. SHRIMP U-Pb analyses of detrital zircon: a window to understanding the Paleoproterozoic development of the Tanami region, northern Australia. *Mineralium Deposita; vol. 42, n° 1-2, 2007, p.27-50.*

Keywords : Geochronology; SHRIMP ; Detrital zircon; Tanami region ; North Australia.

12. DUO J., WEN CH., FAN X. Detrital zircon of 4100 Ma in quartzite in Buranf, Tibet. *Acta Geol. Sinica; vol. 80, n° 6, 2006, p.954-956.*

Keywords : SHRIMP; Detrital zircon; 4.1 Ga; Tibet.

- 13. EL FOUNTI L., EL HACHIMI M.L., SAIDI N.** Etude par fractionnement chimique des dépôts alluviaux de l'Oued Moulouya (Maroc). **Bull. Soc. Hist. Nat. Toulouse** ; t. 142, 2006, p.39-44.
Mots-clés : Métaux lourds ; Sédiments ; Fractionnement chimique ; Association métal-substrats lithochimiques ; Bassin versant de la Moulouya (Maroc).
- 14. HENNI B., AÏSSA D.E.** Géologie et géochimie des formations ferrifères de l'Edough (Annaba, NE algérien). **Bull. Serv. Géol. Nat.**; vol. 18, n° 3, 2007, p. 297-314.
Mots-clés: Magnétite; Edough; Métamorphisme; Métasédimentaire; Formation ferrifères.
- 15. HINCHEY J.G., HATTORI K.H.** Lead isotope study of the late Archean Lac des Iles palladium deposit, Canada: enrichment of platinum group elements by ponded sulfide melt. **Mineralium Deposita**; vol. 42, n°6, 2007, p.601-611.
Keywords : Lead isotopes; Platinum group elements; PGE mineralization; Lac des Iles; Canada.
- 16. LI J.-W., VASCONCELOS P., ZHANG W.** Timing and duration of supergene mineralisation at the Xinrong manganese deposit, western Guangdong Province, South China: cryptomelane ⁴⁰Ar/³⁹Ar dating. **Mineralium Deposita**; vol. 42, n°4, 2007, p.361-383.
Keywords : ⁴⁰Ar/³⁹Ar; Cryptomelane; Supergene; Weathering; South China.
- 17. LIU S., TIAN W., LÜ Y.** Geochemistry, Nd isotopic characteristics of metamorphic complexes in Northern Hebei: implications for crustal accretion. **Acta Geol. Sinica**; vol. 80, n° 6, 2006, p.807-818.
Keywords : Dantazi complex; Hongqiyingzi complex; Late Palaeozoic; Geochemistry; Nd isotope; Crustal accretion; North China craton.
- 18. LÜ Y., LIU S., ZHAO G.** Geochemistry and petrogenesis of Neoproterozoic metamorphic mafic rocks in the Wutai complex. **Acta Geol. Sinica**; vol. 80, n° 6, 2006, p.899-911.
Keywords : Metamorphic mafic rocks; Geochemistry; Petrogenesis; Wutai complex; Central tectonic zone; North China craton.
- 19. McCLUNG C.R., GUTZMER J., BEUKES N.J.** Geochemistry of bedded barite of the Mesoproterozoic Aggeneys-Gamsberg Broken Hill-type district, South Africa. **Mineralium Deposita**; vol. 42, n°5, 2007, p.537-549.
Keywords : Aggeneys; Gamsberg; Barite; South Africa; Broken Hill-type.
- 20. PASAVA J., VYMAZALOVA A., PETERSEN S.** PGE fractionation in seafloor hydrothermal systems: examples from mafic- and ultramafic-hosted hydrothermal fields at the slow-spreading Mid-Atlantic Ridge. **Mineralium Deposita**; vol. 42, n°4, 2007, p.423-431.
Keywords : Platinum-group elements; Massive sulfide mineralization; Turtle Pits; Logatchev; Mid-Atlantic Ridge.
- 21. POUCKET A., TCHAMENI R., MEZGER K.** Accrétion crustale en bordure nord du craton du Congo (sud-Cameroun). Relations entre charnockites et TTG. **Bull. Soc. Géol. Fr.**; t. 178, n° 5, 2007, p. 331-342.
Mots-clés: Archéen; Craton du Congo; Cameroun; Charnockites; Ages zircon Pb-Pb ; Isotopes Nd-Sr ; Accrétion crustale.
- 22. PREMOVIC P.I., TODOROVIC B., PAVLOVIC M.S.** Argile Crétacé-Paléogène de frontière Fish Clay à Hojerup (Stevns Klint, Danemark) : oligo-métaux dans le kérogène. **Bull. Soc. Géol. Fr.**; t. 178, n° 5, 2007, p.411-421.
Mots-clés: Géochimie ; Frontière Crétacé-Paléogène ; Fish Clay ; Oligo-métaux ; Eléments de terre rare ; Kérogène.
- 23. RAPELA C.W., PANKHURST R.J., CASQUET C.** The Rio de la Plata craton and the assembly of SW Gondwana. **Earth-Science Reviews**; vol. 83, n° 1-2, 2007, p.49-82.
Keywords: Rio de la Plata craton; Gondwana assembly; Palaeoproterozoic; Neoproterozoic; Cambrian; Brasiliano orogeny; Pampean orogeny; U-Pb zircon dating.
- 24. RICE C.M., McCOYD R.J., BOYCE A.J.** Stable isotope study of the mineralization and alteration in the Madjarovo Pb-Zn district, south-east Bulgaria. **Mineralium Deposita**; vol. 42, n°7 2007, p.691-713.
Keywords : Stable isotopes; Pb-Zn mineralization; Alteration; Madjarovo; Bulgaria.
- 25. ROMER R.L., THOMAS R., STEIN H.J.** Dating multiply overprinted Sn-mineralized granites: examples from the Erzgebirge, Germany. **Mineralium Deposita**; vol. 42, n°4, 2007, p.337-359.
Keywords : U-Pb; Rb-Sr; Re-Os; Uraninite; Mineral inclusion; Melt inclusion; Molybdenite; Erzgebirge.
- 26. ROY D.K., RAHMAN M., AHMED S.S.** Geochemistry of sandstone-mudstone suites of the Tipam sandstone formation, Surma basin, Bangladesh. **Earth Evolution Sciences**; vol. 1, 2007, p.21-31.
Keywords: Geochemistry; Tipam sandstone formation; Surma basin; Provenance; Paleoclimate.

27. SALMI-LAOUAR S., LAOUAR R., BOYCE A.J. Premières données isotopiques sur la mer triasique dans l'Atlas saharien oriental (Algérie). **Bull. Serv. Géol. Nat.;** vol. 18, n° 3, 2007, p.315-323.

Mots-clés: Atlas saharien oriental ; Trias ; Evaporites ; Gisements péridiapiriques ; Isotopes du soufre.

28. SCHNEIDER J., MELCHER F., BRAUNS M. Concordant ages for the giant Kipushi base metal deposit (DR Congo) from direct Rb-Sr and Re-Os dating of sulfides. **Mineralium Deposita;** vol. 42, n°7 2007, p.791-797.

Keywords : Kipushi; Base metals; Copperbelt; Congo;Rb-Sr isotopes; Re-Os isotopes; Pb isotopes.

29. SONG D., QIN Y., WANG W. Geochemistry and modes of occurrence of hazardous trace elements in the No. 11 coal seam, Antaibao surface mine, Shanxi province. **Acta Geol. Sinica;** vol. 81, n°1, 2007, p.135-140.

Keywords : Antaibao surface mine; Trace elements; Geochemistry; Modes of occurrence; Shanxi.

30. SUN X., XUE T., HE G. Noble gas isotopic compositions of cobalt-rich ferromanganese crusts from the Western Pacific Ocean and their geological implications. **Acta Geol. Sinica;** vol. 81, n°1, 2007, p.90-98.

Keywords : Noble gas isotopic composition; Interplanetary dust particles (IDPs); Phosphatization; Cobalt-rich ferromanganese crusts; Western Pacific Ocean.

31. VALLINI D.A., GROVES D.I., McNAUGHTON N.J. Uraniferous diagenetic xenotime in northern Australia and its relationship to unconformity-associated uranium mineralisation. **Mineralium Deposita;** vol. 42, n° 1-2, 2007, p.51-64.

Keywords : Uraniferous xenotime; Unconformity-associated uranium; Diagenesis; U-Pb geochronology.

32. VANDEGINSTE V., SWENNEN R., GLEESON S.A. Geochemical constraints on the origin of the Kicking Horse and Monarch Mississippi Valley-type lead-zinc ore deposits, southeast British Columbia, Canada. **Mineralium Deposita;** vol. 42, n°8, 2007, p.913-935.

Keywords : Mississippi Valley-type; Lead-zinc; Fluid inclusions; Kicking Horse; Monarch; Canada.

33. XIA X., SUN M., ZHAO G. U-Pb age and Hf isotope study of detrital zircons from the Wanzi supracrustals: constraints on the tectonic setting and evolution of the Fuping complex, trans-North China orogen. **Acta Geol. Sinica;** vol. 80, n° 6, 2006, p.844-863.

Keywords : Detrital zircons; U-Pb age and Hf isotope; Fuping complex; North China craton.

GEOLOGIE GENERALE

34. BROZZETTI F. The Umbria Preapennines in the Monte Santa Maria Tiberina area: a new geological map with stratigraphic and structural notes. **Boll. Soc. Geol. It.(Ital. J.Geosci.) ;** vol. 126, n° 3, 2007, p.511-529.

Keywords : Umbria Preapennines; Geological survey and mapping; Miocene foredeep; Compressional and extensional tectonics; Timing of tectonic deformations.

35. CRISPE A.J. Geological framework of the Archean and Paleoproterozoic Tanami region, Northern territory. **Mineralium Deposita;** vol. 42, n° 1-2, 2007, p. 3-26.

Keywords : Tanami region ; North Australian craton ; Paleoproterozoic ; Stratigraphy ; Structural geology.

36. KECHID S.A. Hypothèse d'une accretion océanique éburnéenne et ses implications sur l'origine des kimberlites et éclogites sahariennes (Algérie). **Bull. Serv. Géol. Nat.;** vol. 18, n° 3, 2007, p. 263-275.

Mots-clés : Accretion océanique ; Eburnéen ; Kimberlites ; Eclogites.

37. PEYBERNES B., FONDECAVE-WALLEZ M.J. Le stylomarbre Portoro de Porto Venere (Apennin septentrional, Italie) ; comparaisons avec les marbres « Portor » du Sud de la France. **Bull. Soc. Hist. Nat. Toulouse ;** t. 143, 2006, p.9-19.

Mots-clés : Marbre Portoro ; Trias ; Stylolites ; Apennins du Nord ; Italie ; Comparaisons.

38. SEDDIKI A., COTTIN J.Y., MOINE B. Etude de quelques achondrites basaltiques découvertes au Sahara du Sud-Ouest algérien. **Bull. Serv. Géol. Nat.;** vol. 18, n° 3, 2007, p.277-295.

Mots-clés : Sahara ; Météorites ; Achondrites basaltiques ; Eucrite polymictite ; Eucrite monomictite ; Diogénite ; Howardite ; 4Vesta ; NWA2268 ; NWA4269 ; NWA2251 ; NWA4255.

GEOLOGIE MARINE

39. MARANI M.P., GAMBERI F. Distribution and nature of submarine volcanic landforms in the Tyrrhenian sea : the arc vs the backarc. **Mem. Descr. Carta Geol. d'It. ;** vol. 44, 2004, p.109-126.

Keywords: Seafloor morphology ; Submarine volcanoes ; Arc and backarc edifices ; Tyrrhenian sea.

40. ADAMS G.J., BOTH R.A., JAMES P. The granites gold deposits, Northern territory, Australia: evidence for an early syn-tectonic ore genesis. *Mineralium Deposita*; vol. 42, n° 1-2, 2007, p.89-105.

Keywords : Tanami region; Proterozoic gold; Structural control; Shear veins; Fluid inclusions; Sulfur isotopes.

41. ANDRIANJAKAVAH P., SALVI S., BEZIAT D. Textural and fluid inclusion constraints on the origin of the banded-iron-formation-hosted gold deposits at Maevatanana, central Madagascar. *Mineralium Deposita*; vol. 42, n°4, 2007, p.385-398.

Keywords : Archaean mesothermal gold; Aqueous-carbonic fluids; FIF; Fluid immiscibility; Maevatanana; Madagascar.

42. BAGAS L., HUSTON D.L., ANDERSON J. Paleoproterozoic gold deposits in the Bald Hill and Coyote areas, Western Tanami, Western Australia. *Mineralium Deposita*; vol. 42, n° 1-2, 2007, p.127-144.

Keywords : Paleoproterozoic; Tanami region; Killi Killi formation; Tanami orogeny; Gold deposits.

43. BAO Z., GUHA J. Metallogeny of the Lannigou sedimentary rock-hosted disseminated gold deposit in Southwestern Guizhou province, China.

Keywords: Sedimentary rock-hosted disseminated gold deposit; Metallogeny; Lannigou; Guizhou.

44. BONI M., DEJONGHE L., BALASSONE G. State of the art on the "calamine"-type zinc deposits of Belgium. *Geol. Belgica*; vol. 10, n° 3-4, 2007, p.141-144.

Keywords: Nonsulphide ores; Nonsulphide deposits; Zn-Pb sulphide deposits; Age; Belgium.

45. CABRAL A.R., BEAUDOIN G. Volcanic red-bed copper mineralisation related to submarine basalt alteration, Mont Alexandre, Quebec Appalachians. *Mineralium Deposita*; vol. 42, n°8, 2007, p.901-912.

Keywords : Native copper; Volcanic red beds; Spilitisation; Mont Alexandre; Quebec Appalachians; Canada.

46. CAMERON E.M., LEYBOURNE M.I., PALACIOS C. Atacamite in the oxide zone zone of copper deposits in northern Chile : involvement of deep formation waters?. *Mineralium Deposita*; vol. 42, n°3, 2007, p.205-218.

Keywords : Atacamite; Copper deposits; Northern Chile.

47. CATO I. Marine mineral deposits within the Swedish EEZ. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.147-158.

Keywords: Shore features ; Paleogeography ; Marine environment; Sand deposits; Gravel deposits; Spatial distribution ; Baltic sea ; Sweden.

48. CHALMERS D.I., RANSTED T.W., KAIRAITIS R.A. The Wyoming gold deposits: volcanic-hosted lode-type gold mineralisation in the eastern Lachlan orogen, Australia. *Mineralium Deposita*; vol. 42, n°5, 2007, p.505-513.

Keywords : Tomingley; Wyoming gold deposits; Lode gold; Lachlan orogen.

49. DURIEUX C.G., BROWN A.C. Geological context, mineralization, and timing of the Juramento sediment-hosted stratiform copper-silver deposit, Salta district, northwestern Argentina. *Mineralium Deposita*; vol. 42, n°7, 2007, p.879-899.

Keywords : Sediment-hosted stratiform copper; Sulfur isotopes; Juramento; Salta; Argentina.

50. EL DESOUKY H.A., MUCHEZ PH., DEWAELE S. The stratiform copper mineralization of the Lufukwe anticline, Lufilian Foreland, Democratic Republic Congo. *Geol. Belgica*; vol. 10, n° 3-4, 2007, p. 148-151.

Keywords: Stratiform deposits; Mineralization; Metallogenic model; Foreland; Congo.

51. EMELYANOV E.M. The baltic sea deeps as a model for explaining iron and manganese ore formation. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.161-176.

Keywords: Iron ore ; Manganese ore ; Metallogeny ; Carbonate sediments ; Diagenesis ; Paleoenvironment ; Oxidation ; Reduction ; Ocean stagnation ; Theoretical models ; Baltic sea.

52. GARNIER V., MALO M., DUBE B. Carlin-type gold mineralization at Saint-André-de-Ristigouche, Gaspé Peninsula (Québec), Canadian Appalachians. *Mineralium Deposita*; vol. 42, n°6 2007, p.639-662.

Keywords : SAR-Au showing; Carlin-type deposits; Canadian Appalachians.

53. GIULIANI G., FALLICK A., RAKOTONDRAZAFY M. Oxygen isotope systematics of gem corundum deposits in Madagascar: relance for their geological origin. *Mineralium Deposita*; vol. 42, n°3, 2007, p.251-270.

Keywords : Madagascar; Gondwana; Oxygen isotopes; Corundum deposits; Ruby; Sapphire.

- 54. GLOAGUEN E., BRANQUET Y., BOULVAIS PH.** Palaeozoic oolitic ironstone of the French Armorican massif: a chemical and structural trap for orogenic base metal-As-Sb-Au mineralisation during Hercynian strike-slip deformation. *Mineralium Deposita*; vol. 42, n°4, 2007, p.399-422.
Keywords : Oolitic ironstone; Orogenic gold; Lead isotopes; France.
- 55. HAEST M., MUCHEZ Ph., DEWAELE S.** Metallogenesis of the Dikulushi Cu-Ag ore deposits in Lufilain Foreland (Democratic Republic of the Congo). *Geol. Belgica*; vol. 10, n° 3-4, 2007, p.152-155.
Keywords: Metallogeny; Mineralization; Geodynamic; Deformation; Foreland; Congo.
- 56. HARFF J., BOBERTZ B., GRANITZKI K.** Sand and gravel deposits in the South-Western Baltic sea, their utilization and sustainable development. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.111-123.
Keywords: Marine environment; Sand deposits; Gravel deposits; Exploitation; Environmental impact; Utilization; Sustainable development; Baltic sea.
- 57. HOUGH M.A., BIERLEIN F.P.** A review of the metallogeny and tectonics of the Lachlan orogen. *Mineralium Deposita*; vol. 42, n°5, 2007, p.435-448.
Keywords : Lachlan orogen; Tasman orogen; Metallogenys; Structural control; Australia.
- 58. HUSTON D.L., VANDENBERG L., WYGRALAK A.S.** Lode-gold mineralization in the Tanami region, northern Australia. *Mineralium Deposita*; vol. 42, n° 1-2, 2007, p.175-204.
Keywords : Lode-gold; Tanami ; Paleoproterozoic; Mineral system.
- 59. KALENKO P.E., ZHAMOIDA V.A., MANULOV S.F.** The geological structure, history of geological development and potential mineral resources of the Eastern Gulf of Finland. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.135-145.
Keywords: Marine environment; Sand deposits; Gravel deposits; Clay deposits; Manganese ore; Resources; Exploration; Gulf of Finland; Russia.
- 60. KEAYS R.R., LIGHTFOOT P.C.** Siderophile and chalcophile metal variations in Tertiary picrites and basalts from West Greenland with implications for the sulphide saturation history of continental flood basalt magmas. *Mineralium Deposita*; vol. 42, n°4, 2007, p.319-336.
Keywords : Greenland; Flood basalts; Ni-Cu-PGE mineralisation; Sulphur saturation.
- 61. KHARIN G., EMELYANOV E.M., ZAGORODNICH V.A.** Paleogene mineral resources of the SE Baltic sea and Sambian Peninsula. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.63-72.
Keywords: Paleogene; Amber; Phosphorite; Glauconite; Nodules; Zeolite deposits; Clay deposits; Sand deposits; Gravel deposits; Lithofacies; Drinking water; Baltic sea; Russia.
- 62. KOSMOWSKA-CERANOWICZ B.** Quaternary amber-bearing deposits on the Polish Coast. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.73-84.
Keywords: Shore features; Quaternary; Tertiary; Amber; Provenance; Transgression; Littoral erosion; Accumulation; Seasonal variations; Baltic sea; Poland.
- 63. KRAMASKA R., MASLOWSKA M., USCINOWICZ S.** Review of marine sand and gravel resources in the Polish exclusive economic zone of the Baltic sea. *Zeitschrift für Angewandte Geologie. Sonderheft*; n° 2, 2004, p.125-134.
Keywords: Marine environment; Sand deposits; Gravel deposits; Exploration; Exploitation; Reserves; Resources; Baltic sea; Poland.
- 64. MERNAGH T.P., WYGRALAK A.S.** Gold ore-forming fluids of the Tanami region, Northern Australia. *Mineralium Deposita*; vol. 42, n° 1-2, 2007, p.145-173.
Keywords : Tanami region; Gold ore; Northern Australia.
- 65. MOREY A.A., WEINBERG R.F.** The structural controls of gold mineralisation within the Bardoc tectonic zone, Eastern Goldfields Province, Western Australia: implications for gold endowment in shear systems. *Mineralium Deposita*; vol. 42, n°6, 2007, p.583-600.
Keywords : Yilgarn craton; Western Australia; Orogenic gold; Deformation; Shear zones; Late Archaean.
- 66. MUELLER A.G.** Copper-gold endoskarns and high-Mg monzodiorite-tonalite intrusions at Mt. Shea, Kalgoorlie, Australia: implications for the origin of gold-pyrite-tennantite mineralization in the Golden Mile. *Mineralium Deposita*; vol. 42, n°7, 2007, p.737-769.
Keywords : Archean; Skarn; Epidote; Copper; Gold; Mt. Shea; Kalgoorlie; Australia.
- 67. MÜLLER A., IHLEN P.M., WANVIK J.E.** High-purity quartz mineralization in kyanite quartzites, Norway. *Mineralium Deposita*; vol. 42, n°5, 2007, p.523-535.
Keywords : Quartz; Kyanite quartzite; LA-ICP-MS; Norway.

68. NIELSEN P.E., JENSEN J.B., BINDERUP M. Marine aggregates in the Danish sector of the Baltic sea: geological setting, exploitation potential and environmental assessment. *Zeitschrift für Angewandte Geologie. Sonderheft; n° 2, 2004, p.87-109.*

Keywords: Marine environment; Sand deposits; Gravel deposits; Quality; Exploitation; Environmental impact; Case studies; Baltic sea; Denmark.

69. OGAWA Y., SHIKAZONO N., ISHIYAMA D. Mechanisms for anhydrite and gypsum formation in the Kuroko massive sulfide-sulfate deposits, north Japan. *Mineralium Deposita; vol. 42, n°3, 2007, p.219-233.*

Keywords : Kuroko deposits; Anhydrite; Gypsum; Sr isotope ratio; Rare earth elements (REEs).

70. OTTO A., DZIGGEL A., KISTERS A.F.M. The new consort gold mine, Barberton greenstone belt, South Africa: orogenic gold mineralization in a condensed metamorphic profile. *Mineralium Deposita; vol. 42, n°7, 2007, p.715-735.*

Keywords :Orogenic gold; Barberton greenstone belt; South Africa; New consort.

71. SEAT Z., BERESFORD S.W., GRGURIC B.A. Architecture and emplacement of the Nebo-Babel gabbro-hosted magmatic Ni-Cu-PGE sulphide deposit, West Musgrave, Western Australia. *Mineralium Deposita; vol. 42, n°6 2007, p.551-581.*

Keywords : Nebo-Babel; Musgrave block Australia; Ni-Cu-PGE; Magmatic sulphide deposit.

72. TUNKS A.J., COOKE D.R. Geological and structural controls on gold mineralization in the Tanami district, Northern territory. *Mineralium Deposita; vol. 42, n° 1-2, 2007, p.107-126.*

Keywords : Proterozoic; Tanami; Granite; Gold mineralization; Thermal aureole.

73. VOS I.M.A., BIERLEIN F.P., HEITHERSAY P.S. A crucial role for slab break-off in the generation of major mineral deposits: insights from central and eastern Australia. *Mineralium Deposita; vol. 42, n°5, 2007, p.515-522.*

Keywords : Lachlan orogen; Ore deposits; 440 Ma; Slab break-off; Mantle upwelling.

74. WEI D., BAO Z., FU J. Diagenetic and mineralization age of the Hehuaping tin-polymetallic orefield, Hunan Province. *Acta Geologica Sinica; vol. 81, n° 2, 2007, p.244-252.*

Keywords: Hehuaping orefield; Zircon U-Pb SHRIMP dating; Triassic; Jurassic; Hunan.

75. WILLIAMS N.C. The role of decarbonization and structure in the Callie gold deposit, Tanami

region of northern Australia. *Mineralium Deposita; vol. 42, n°1-2, 2007, p.65-87.*

Keywords : Gold deposits; Tanami region; Quartz veins; Graphite; Geochemistry.

76. WILLMAN C.E. Regional structural controls of gold mineralisation, Bendigo and Castlemaine goldfields, Central Victoria, Australia. *Mineralium Deposita; vol. 42, n°5, 2007, p.449-463.*

Keywords : Orogenic gold; Structural control; Lachlan foldbelt; Bendigo; Castlemaine; Victoria; Australia.

77. WILSON A.J., COOKE D.R. Sulfur isotopic zonation in the Cadia district, southeastern Australia: exploration significance and implications for the genesis of alkalic porphyry gold-copper deposits. *Mineralium Deposita; vol. 42, n°5, 2007, p.465-487.*

Keywords : Sulfur isotopes; Gold-copper porphyry; Alkalic porphyry systems; Cadia; Lachlan orogen; Australia.

78. ZHAMOIDA V. A., GLASBY G.P., GRIGORIEV A.G. Distribution, morphology, composition and economic potential of ferromanganese concretions from the Eastern Gulf of Finland. *Zeitschrift für Angewandte Geologie. Sonderheft; n° 2, 2004, p.213-227.*

Keywords: Marine geology; Scientific cruises; Iron ore; Manganese ore; Concretions; Spatial distribution; Morphology; Resources; Evaluation; Baltic sea; Gulf of Finland.

79. ZHANG Y., ZHANG S., PIRAJNO F. Fluidization: an important process in the formation of the Qiyugou Au-bearing Breccia Pipes in Central China. *Acta Geologica Sinica; vol. 81, n° 2, 2007, p. 226-238.*

Keywords: Fluidization; Breccia pipe; Gold mineralization; Qiyugou; Cretaceous; Henan; Qinling; China.

GEOLOGIE STRUCTURALE

80. ACOCELLA V. Understanding caldera and development: an overview of analogue models compared to natural calderas. *Earth-Science Reviews; vol. 85, n°3-4, 2007, p.125-160.*

Keywords: Caldera architecture; Caldera development; Analogue models; Downsags; Ring faults; Regional tectonics.

81. ALLAWATI H.M. Mylonite, ductile shear zone and serpentinite diapir: detachment faulting and later thrusting around the Moho horizon, Northern Oman ophiolite. *Earth Evolution Sciences; vol. 1, 2007, p. 3-13.*

Keywords: Oman ophiolite; Moho; Ductile shear; Mylonite; Serpentinite diapir; Back thrust.

- 82. ARTONI A.** Growth rates and two-mode accretion in the outer orogenic wedge-foreland basin system of Central Apennine (Italy). **Boll. Soc. Geol. It.(Ital. J.Geosci.)**; vol. 126, n° 3, 2007, p.531-556.
Keywords : Apennine; Foreland basin; Orogenic wedge; Accretion rate.
- 83. AUNG T.T.** Tectonically induced gravity sliding: recognition and identification of examples from Pliocene Chikura Group, southernmost Boso Peninsula, Japan. **Earth Evolution Sciences**; vol. 1, 2007, p.15-20.
Keywords: Proto-Sagami trough; Izu forearc; Layer parallel sliding; Thrust-anticline.
- 84. BAIZE S., COULON M., HIBSCH CH.** Déformations non-tectoniques de sédiments pléistocènes dans l'est du bassin de Paris, France. **Bull. Soc. Géol. Fr.**; t. 178, n° 5, 2007, p.367-381.
Mots-clés: Déformation ; Dépôts alluviaux ; Karst ; Périglaciaire ; Néotectonique ; Bassin de Paris.
- 85. BEN MEHREZ F., KACEM J., DLALA M.** Rôle de la tectonique distensive d'âge crétacé terminal – paléocène dans l'évolution géodynamique du Chaînon d'Aouana et de ses environs. **Bull. Soc. Hist. Nat. Toulouse** ; t. 143, 2006, p.21-29.
Mots-clés : Tectonique synsédimentaire ; Tectonique distensive ; Halocinèse ; Chaînon d'Aouana ; Hédils ; Tunisie septentrionale.
- 86. BERGERAT F., ELION P., FRIZON D.** Analyse structurale multi scalaire 3D de l'Est du bassin de Paris: contribution des travaux de l'Andra. **Mém. Soc. Géol. France. N.S.**; n°178, 2007, p. 15-35.
Mots-clés : Est du bassin de Paris ; Evolution structurale ; Sismique 2D et 3D ; Données de sub-surface ; Structures majeurs et mineures ; Laboratoire de recherche souterrain de Bure.
- 87. BUONANNO A., PERTUSATI S., ZUPPETTA A.** Structural evolution of the Fortore Unit (Southern Apennines, Italy). **Boll. Soc. Geol. It.(Ital. J.Geosci.)**; vol. 126, n° 3, 2007, p. 497-510.
Keywords : Structural analysis; Fortore Unit; Southern Apennines.
- 88. DARQUENNES A., VANDYCKE S., SCHROEDER CH.** Deformation in faulted white chalk in Belgium. **Geol. Belgica**; vol. 10, n° 3-4, 2007, p.145-147.
Keywords: Deformation; Fault; Petrophysics; Microstructural analysis; Chalk; Belgium.
- 89. DEBACKER T.N., VANMEIRHAEGHE J.** Pre-Devonian, Brabantian deformation within the southern Condros Inlier (Ruisseau des Chevreuils, Dave, Belgium). **Geol. Belgica**; vol. 10, n° 3-4, 2007, p.165-169.
Keywords: Deformation; Structure; Cleavage; Folds; Caledonian; Condros Inlier.
- 90. DOGLIONI C., CARMINATI E., CUFFARO M.** Subduction kinematics and dynamic constraints. **Earth-Science Reviews**; vol. 83, n° 1-2, 2007, p.125-175.
Keywords: Subduction; Kinematics; Hinge migration; Remounting slab; Westward drift.
- 91. DOGLIONI C., INNOCENTI F., MORELLATO C.** On the Tyrrhenian sea opening. **Mem. Descr. Carta Geol. d'It.** ; vol. 44, 2004, p.147-164.
Keywords: Tyrrhenian sea; Backarc basin; Slab retreat; Eastward mantle flow.
- 92. FACCENNA C., FUNICIELLO F., PIROMALLO C.** Subduction and back-arc extension in the Tyrrhenian sea. **Mem. Descr. Carta Geol. d'It.** ; vol. 44, 2004, p.165-184.
Keywords: Central Mediterranean mantle; Subduction kinematics; Analogue modeling; Episodic back-arc extension.
- 93. GAINA C., MÜLLER D.** Cenozoic tectonic and depth/age evolution of the Indonesian gateway and associated back-arc basins. **Earth-Science Reviews**; vol. 83, n° 1-2, 2007, p.177-203.
Keywords: Southeast Asia; Back-arc basin; Tectonic reconstructions; Paleo-depth; Paleo-age; Dynamic topography.
- 94. Géosciences Montpellier.** Subduction zones geodynamics conference (Montpellier, June 4-7, 2007). **Mém. Géosci.-Montpellier** ; n° 41, 187 p.
Keywords : Structure ; Tectonics ; Geodesy ; Seismogenic zone; Seismic hazard ; Geochemistry ; Metamorphism ; Petrology ; Mineral physics ; Seismology ; Geodynamics.
- 95. HOPPE A., LANG S.** The eastern master fault of the Upper Rhine graben below the Science and Conference Centre in Darmstadt (Germany). **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.113-117.**
Keywords: Upper Rhine graben; Master fault; Germany; Hesse.
- 96. LIU CH., WANG M., JIAO P.** Features and formation mechanism of faults and potash-forming effect in the Lop Nur salt lake, Xinjiang, China. **Acta Geologica Sinica**; vol. 80, n° 6, 2006, p. 936-943.
Keywords: Xinjiang; Lop Nur; Salt lake; Fault; Potash formation.

- 97. MA Y., FU X., WU J.** Crustal structural and tectonic evolution and oil prospect evaluation in the Songpan-Zoige block. *Acta Geologica Sinica*; vol. **81**, n°1, 2006, p.55-60.
Keywords: Songpan-Zoige block; Lithosphere structure; Tectonic evolution; Oil and Gas.
- 98. MARANI M.P., GAMBERI F.** Structural framework of the Tyrrhenian sea unveiled by seafloor morphology. *Mem. Descr. Carta Geol. d'It.* ; vol. **44**, 2004, p.97-108.
Keywords: Seafloor morphology ; Structural provinces ; Tectonic activity ; Tyrrhenian sea.
- 99. MATTAUER M.** Comment est née la Méditerranée ? hypothèses sur les rôles respectifs du Rift Oligocène ouest-européen et des grands courants asthénosphériques moi-pliocènes. *Bull. Soc. Hist. Nat. Toulouse* ; t. **143**, 2006, p.5-8.
Mots-clés : Océanisation ; Méditerranée ; Extension ; Rift Ouest-Européen ; Compression ; Chaîne Alpine ; Asthénosphère.
- 100. RADDI Y., BAIDDER L., TAHIR M.** La déformation varisque à la bordure septentrionale du craton Ouest-africain, Anti-Atlas oriental, Maroc : compression d'une mosaïque de blocs basculés. *Bull. Soc. Géol. Fr.* ; t. **178**, n° 5, 2007, p.343-352.
Mots-clés: Chaînes d'avant-pays ; Varisque ; Paléofailles ; Tectonique d'inversion ; Anti-Atlas ; Maroc.
- 101. SABER H., EL WARTITI M., HMICH D.** Tectonic evolution from the Hercynian shortening to the triassic extension in the Paleozoic sediments of the Western High Atlas. *Journal of Iberian Geology*; vol. **33**, n° 1, 2007, p.31-40.
Keywords: Stephanian; Late-Hercynian; Tectonics; Western High Atlas; Morocco.
- 102. SPAGNA P., VANDYCKE S., YANS J.** Hydraulic and brittle extensional faulting in the Wealden facies of Hautrage (Mons basin, Belgium). *Geol. Belgica*; vol. **10**, n° 3-4, 2007, p.158-161.
Keywords: Deformation; Tectonic; Fault; Brittle; Hydraulics; Sediment; Subsidence; Mons basin; Belgium.
- 103. SUO S., ZHONG Z., ZHOU H.** Polyphase deformation of the Weihai-Rongcheng UHP unit rocks, NE Sulu: insights into the tectonic evolution of the Dabie-Sulu UHP and HP belts, China. *Acta Geologica Sinica*; vol. **81**, n° 1, 2007, p. 42-54.
Keywords: Weihai-Rongcheng area; Ultrahigh-pressure (UHP) metamorphism; Tectonic evolution; Polyphase deformation; Deformation partitioning.
- 104. TIAN W., LIU S., ZHANG H.** Paleoproterozoic potassic granitoids in the Sushui complex from the Zhongtiao mountains, Northern China: geochronology, geochemistry and petrogenesis. *Acta Geol. Sinica*; vol. **80**, n° 6, 2006, p.875-885.
Keywords : Sushui complex; Zhongtiao block; Trans-North China orogen; Potassic granitoid; Zircon; U-Pb; Sm-Nd isotope; Paleoproterozoic.
- 105. VEEVERS J.J.** Pan-Gondwanaland post-collisional extension marked by 650-500 Ma alkaline rocks and carbonatites and related detrital zircons: a review. *Earth-Science Reviews*; vol. **83**, n° 1-2, 2007, p.1-47.
Keywords: Alkaline; Carbonatites; 650-500 Ma; U-Pb zircons; Extension; Gondwanaland.
- 106. VERGELY P., HOU M.J., WANG Y.M.** La cinématique de la zone de failles de Tan-Lu au cours du Mésozoïque-Paléocène et ses relations avec la collision des blocs Nord et Sud chinois (Provinc de Anhui, Chine). *Bull. Soc. Géol. Fr.*; t. **178**, n° 5, 2007, p.353-365.
Mots-clés: Zone de failles de Tan-Lu ; Analyse du glissement sur les failles ; Subduction oblique ; Zone compressive de transfert ; Faille transformante et décrochante ; Collision des blocs Nord- et Sud-chinois.
- 107. WANG Q., DENG J., HUANG D.** Tectonic constraints on the transformation of Paleozoic framework of uplift and depression in the Ordos area. *Acta Geol. Sinica*; vol. **80**, n° 6, 2006, p. 944-953.
Keywords : Ordos basin; Paleozoic; Microplate; Strain; Numerical simulation.
- 108. ZHANG J., ZHAO L., LIU S.** Structures of syn-deformational granites in the Longquanguan shear zone and their monazite electronic microprobe dating. *Acta Geol. Sinica*; vol. **80**, n° 6, 2006, p. 864-874.
Keywords : Longquanguan shear zone ; Syn-deformational granite ; Monazite electronic microprobe dating.
- 109. ZHAO G., LIU S., SUN M.** What happened in the Trans-North China orogen in the period 2560-1850 Ma?. *Acta Geol. Sinica*; vol. **80**, n° 6, 2006, p.790-806.
Keywords : Archean; Paleoproterozoic; Subduction; Collision; Trans-North China orogen; North China craton.

GEOMORPHOLOGIE

- 110. ANDRIEU-PONEL V., TEXIER D., BRULHET J.** Scenarii d'évolution climatique et environnementale pour la région Meuse/Haute-Marne, France. *Mém. Soc. Géol. France. N.S.*; n°178, 2007, p.115-134.
Mots-clés : Paléoclimat ; Paléoenvironnement ; Périglaciaire ; Modélisation du climat ; Faisabilité d'un stockage de déchets ; Radioactifs en formations géologiques profondes ; France.

GEOPHYSIQUE

111. BAIONI D. Drainage basin asymmetry and erosion processes relationship through a new representation of two geomorphic indices in the Conca river (north Apennines). **Boll. Soc. Geol. It. (Ital. J. Geosci.)**; vol. 126, n° 3, 2007, p.573-579.

Keywords : Energy relief; Asymmetry; Geomorphic indices; Drainage basin; Conca river.

112. COJAN I., BRULHET J., CORBONNOIS J. Evolution géomorphologique de l'est du Bassin parisien: surfaces anciennes et incisions quaternaires. **Mém. Soc. Géol. France. N.S.**; n°178, 2007, p.135-155.

Mots-clés : Bassin de Paris; Paléosurfaces; Terrasses; Karst; ESR; Modélisation de l'érosion.

113. CORENBLIT D., TABACCHI E., STEIGER J. Reciprocal interactions and adjustments between fluvial landforms and vegetation dynamics in river corridors: a review of complementary approaches. **Earth-Science Reviews**; vol. 84, n° 1-2, 2007, p.56-86.

Keywords: Vegetation dynamics; Fluvial landforms; Biogeomorphic succession; Ecosystem engineers; Niche construction; Abiotic-Biotic feedbacks; Critical thresholds.

114. FIEBIG M.C. A revised glacial chronology from the east coast of the Southern Island of New Zealand. **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.89-112.**

Keywords : Quaternary; Glaciation; South Island; New Zealand; Lithofacies; Drumlins; Eskers; Most extensive glaciation (MEG); Most voluminous glaciation (MVG); Last glaciation maximum (LGM).

115. GOODFELLOW B.W. Relict non-glacial surfaces in formerly glaciated landscapes. **Earth-Science Reviews**; vol. 80, n° 1-2, 2007, p.47-73.

Keywords: Relict surface; Glaciated landscape; Denudation; Blockfield; Cold-based ice; Nunatak.

116. HOLMES P.J., BATEMAN M.D., CARR A.S. The place of aeolian coversands in the geomorphic evolution of Southern Cape coast, South Africa. **South African Journal of Geology**; vol. 110, n° 1, 2007, p.125-136.

Keywords: Coversands; Geomorphic evolution; Aeolian deposits; Sedimentology; Tectonic events; South Africa.

117. KNAPEN A., POESEN J. GOVERS G. Resistance of soils to concentrated flow erosion: a review. **Earth-Science Reviews**; vol. 80, n° 1-2, 2007, p.75-109.

Keywords: Soil erosion resistance; Critical shear stress; Soil erodibility; Concentrated flow; Flume experiments; Soil properties; Tillage practices.

118. LIVINGSTONE I., WIGGS G.F., WEAVER C. Geomorphology of desert sand dunes: a review of recent progress. **Earth-Science Reviews**; vol. 80, n° 1-2, 2007, p.239-257.

Keywords: Aeolian; Geomorphology; Dune; Transverse dune; Linear dune; Turbulence.

119. NAPIERALSKI J., HARBOR J., LI Y. Glacial geomorphology and geographic information systems. **Earth-Science Reviews**; vol. 85, n° 1-2, 2007, p.1-22.

Keywords: Geographic information systems (GIS); Glacial geomorphology; Ice-sheet reconstructions; Glacial landforms; Database.

120. PEYBERNES B., FONDECAVE-WALLEZ M.-J., COMBES P.-J. Le « marbre de Sarrancolin » (Hautes-Pyrénées), témoin d'un paléokarst cénonanien envahi par la mer turonienne. **Bull. Soc. Hist. Nat. Toulouse ; t. 142, 2006, p.27-38.**

Mots-clés : Marbre polychrome; Paléokarst; Cénonanien-Turonien; Sarrancolin; Hautes-Pyrénées; France

121. VAN VLIET-LANOË B. The autocyclic nature of glaciations. **Bull. Soc. Géol. Fr.; t. 178, n° 4, 2007, p. 247-262.**

Key words: Glaciation; Aridity; Polar desert; Sea level; Tropics; Solar and orbital forcing; Water vapour.

122. APAT . Gravity map of Italy 1: 1 250 000 . **Servizio Geologico d'Italia; 2005, 14 p.**

Keywords : Gravity maps; Land; Marine gravity; Digital elevation model; Gravity anomalies; Italy

123. AUNG T.T., OKAMURA Y., SATAKE K. Paleoseismological field survey along the western coast of Myanmar. **Annual Report on active fault; Annual Report on active fault and paleoearthquake researches; n° 6, 2006, p. 171-188-**

Keywords: Paleoseismological survey; Tsunami deposit; Marine terrace; Coral; Western

124. CIMINI G.B. Tomographic studies of the deep structure of the Tyrrhenian-Apennine system. **Mem. Descr. Carta Geol. d'It. ; vol. 44, 2004, p. 15-28.**

Keywords : Seismic tomography; Upper mantle; Subduction; Tyrrhenian-Apennines.

125. FAVALI P., BERANZOLI L., MARAMAI A. Review of the Tyrrhenian sea seismicity: how much is still to be known?. **Mem. Descr. Carta Geol. d'It. ; vol. 44, 2004, p.57-70.**

Keywords : Historical and instrumental seismicity; Tyrrhenian sea; Ligurian sea; Seafloor monitoring.

126. GOSSO G., MAROTTA A.M., SABADINI R. 16th DRT conference. Deformation mechanisms, rheology and tectonics. **Rend. Soc. Geol. It. Nuova serie ; vol. 5, 2007, p. 16-237.**

Keywords : Geology; Crust ; Mantle ; Deformation ; Rheology ; Metamorphism ; Tectonics ; Palaeorheology ; Erosion.

127. HADJ SASSI M., ZOUARI H., JALLOULI CH., DJEDDI M. Apport de la gravimétrie et de la sismique réflexion à l'étude structurale du bassin de Grombalia (Tunisie Nord-Orientale) : implications géodynamique et pétrolière. **Bull. Serv. Géol. Nat.; vol. 18, n° 3, 2007, p. 325-335.**

Mots-clés: Bassin de Grombalia; Structure en fleur négative; Graben; Analyse microtectonique ; Gravimétrie ; Sismique réflexion ;

128. HOFFMANN N., BRINK H.-J. The structure and genesis of the Moho of the hydrocarbon-bearing North German basin and the Adjacent Southern Baltic sea. **Zeitschrift für Angewandte Geologie. Sonderheft; n° 2, 2004, p.29-40.**

Keywords: Deep seismic sounding; Seismic profiles; Interpretation; Basin analysis; Mohorovicic discontinuity; Morphology; Depth; Genesis; North German basin; Baltic sea; Germany.

129. MANTOVANI E., VITI M., BABBUCCI D. Major evidence on the driving mechanism of the Tyrrhenian-Apennines arc-trench-back arc system from CROP seismic data. **Boll. Soc. Geol. It.(Ital. J.Geosci.) ; vol. 126, n° 3, 2007, p. 459-471.**

Keywords : Tyrrhenian-Apennines system ; CROP seismic sections ; Back arc generation.

130. MEDINA F., EL ALAMI S.-O. Mécanismes au foyer et état de contrainte dans la région d'Al Hoceima (Rif Central, Maroc). **Bull. Inst. Scient. Rabat. Sect. Sciences de la terre; n° 28, 2006, p.19-30.**

Mots-clés : Mécanisme focal ; Faille ; Méthode numérique ; Séisme ; Structure ; Maroc ; Rif ; Al Hoceima.

131. MICHETTI A.A., ESPOSITO E., GÜRPINAR A. The INQUA scale. An innovative approach for assessing earthquake intensities based on seismically-induced ground effects in natural environment. **Mem. Descr. Carta Geol. d'It. Special Paper; vol. 67, 2004, 116 p.**

Keywords : Macroseismic intensity scale ; Earthquake ; Seismic hazard ; Intensity assessment ; Fault.

132. MONGELLI F., ZITO G., ODE LORENZO S. Geodynamic interpretation of the heat flow in the Tyrrhenian sea. **Mem. Descr. Carta Geol. d'It. ; vol. 44, 2004, p.71-82.**

Keywords : Heat flow; Asthenospheric intrusions; Eastwards migration; Tyrrhenian sea.

133. PANZA G.F., PONTEVIVO A., SARAO A. Structure of the lithosphere-asthenosphere and volcanism in the Tyrrhenian sea and surroundings. **Mem. Descr. Carta Geol. d'It. ; vol. 44, 2004, p.29-56.**

Keywords : Lithosphere-asthenosphere system; Geochemical-isotopic composition; Italian volcanic provinces; Magma sources.

134. PANZA G.F., PECCERILLO A., AOUDIA A. Geophysical and petrological modelling of the structure and composition of the crust and upper mantle in complex geodynamic settings: the Tyrrhenian sea and surroundings. **Earth-Science Reviews; vol. 80, n° 1-2, 2007, p. 1-46.**

Keywords : Surface waves tomography; Lithosphere-asthenosphere system; Petrological-geophysical model; Tyrrhenian sea; Italian volcanic provinces; Magma sources; Geodynamic model.

HYDROLOGIE

135. BUSCHAERT S., GIANNESINI S., LAVASTRE V. Apport de l'hydrogéochimie à la compréhension du fonctionnement du système hydrogéologique régional. **Mém. Soc. Géol. France. N.S.; n°178, 2007, p.91-114.**

Mots-clés : Eaux souterraines profondes; Eaux porales des argilites ; Modélisation géochimique ; Traceurs naturels ; Temps de résidence ; Bassin de Paris.

136. KILI M., EL MANSOURI B., TAKY A., CHAO J. Nouvelle approche d'estimation des prélèvements d'eau d'irrigation à partir des ressources souterraines : cas de la nappe côtière du Gharb. **Bull. Inst. Scient. Rabat. Sect. Sciences de la terre; n° 28, 2006, p.19-30.**

Mots-clés: Maroc ; Plaine du Gharb ; Ressources hydriques ; Besoins en eau des cultures ; Demande en eau d'irrigation.

137. LICOUR L., RORIVE A., MENGEOT A. The aquifer of the Devono-Carboniferous limestones of Hainaut (Belgium): a karstified medium, a non-karstic behaviour. Resources and general kind of flow. **Geol. Belgica; vol. 10, n° 3-4, 2007, p.156-157.**

Keywords: Piezometric map; Water; Aquifer; Devono-Carboniferous; Karstification; Hainaut; Belgium.

138. SAIDI M., AGOUSSINE M., DAOUDI L. Effet de la morphologie et de l'exposition sur les ressources en eau superficielle de la part et d'autre du Haut Atlas (Maroc); exemple des bassins versants de l'Ourika et du Marghène. **Bull. Inst. Scient. Rabat. Sect. Sciences de la terre; n° 28, 2006, p.41-49.**

Mots-clés: Maroc ; Haut Atlas ; Hydrologie ; Ressources en eau ; Oued Ourika ; Oued Marghène.

METHODOLOGIE

139. ASCH K. The 1: 5 million international geological map of Europe and adjacent areas: development and implementation of a GIS-enabled concept. **Geol. Jb. Sonderhefte. Reihe A; heft SA 3; 2003, 172 p.**

Keywords: Geological map; Cartography; International cooperation; Data management; Standardisation; GIS; Database; Data model; Data processing; Europe.

140. BALESTRO G., PIANA F. The representation of knowledge and uncertainty in databases of GIS geological maps. **Boll. Soc. Geol. It.(Ital. J.Geosci.) ; vol. 126, n° 3, 2007, p.487-495.**

Keywords : Geological uncertainty; Digital geological maps; Structural geology; GIS; Geological knowledge; Data quality.

141. CALCAGNO PH., LAZARRE J., COURRIOUX G. Modélisation 3D d'un domaine orogénique externe : le massif des Morges, Pelvoux (Alpes occidentales). **Bull. Soc. Géol. Fr. ; t. 178, n° 4, 2007, p. 263-274.**

Mots-clés: 3D; Modélisation géométrique; Dépliage; Tectonique alpine; Massifs cristallin externes.

142. DIMOVA M., PANCZER G., GAFT M. Spectroscopic study of barite from the Kremikovtsi deposit (Bulgaria) with implication for its origin. **Annal. Geol. de la Peninsule Balkanique; t. 67, 2006, p.101-108.**

Keywords: Barite ; UV time-resolved luminescence ; IR spectroscopy ; Raman spectroscopy ; Kremikovtsi deposit ; Bulgaria.

143. KUX H.J.H., ARAUJO E.H.G., BENOIT DUPONT H.S.J. Remote sensing and GIS techniques for geological and geotechnical problems of urban areas: a case study from Belo Horizonte (Minas Gerais, Brazil). **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.57-65.**

Keywords : Quickbird satellite ; High-resolution images ; Remote sensing ; GIS ; Urban planning ; Geo-technology.

144. LINDENBECK CH., ULMER H., SCHULZ M. Open source technology in WebGIS application development: implementation of a borehole information system. **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.183-193.**

Keywords: Open source; WebGIS; MapServer; ZOPE; Geo-data; Borehole data; Hamburg.

145. RICCHETTI E., PALOMBELLA M. Production of geological lineament map of Southern Italy using Landsat 7 ETM+imagery.

Boll. Soc. Geol. It.(Ital. J.Geosci.) ; vol. 126, n° 3, 2007, p.567-572.

Keywords : Landsat 7; Lineaments; Structural geology; Mathematical morphology; Italy.

146. SCHOBENHAUS C. The GIS underpinned geological map of Brazil, 1 :1 million scale. **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p. 3-7.**

Keywords : Geological map ; Geo information system ; Brazil.

147. STEVENS TH., THOMAS D., ARMITAGE S.J. Reinterpreting climate proxy records from late Quaternary Chinese loess: a detailed OSL investigation. **Earth-Science Reviews; vol. 80, n° 1-2, 2007, p.111-136.**

Keywords : Luminescence dating; Chinese loess; Quaternary; East Asian Monsoon; Sedimentation; Diagenesis.

MINERALOGIE

148. BONI M., GILG H.A., BALASSONE G. Hypogene Zn carbonate ores in the Angouran deposit, NW Iran. **Mineralium Deposita; vol. 42, n°8, 2007, p.799-820.**

Keywords : Angouran; Iran; Nonsulfide zinc; Smithsonite; Stable isotopes.

149. BOUMAZA-BENYAHIA S., OUZEGANE KH., KIENAST J.-R. Minéralogie des carbonatites et des fénites paléoprotérozoïques de la région d'Ihouhaouène (In ouzzal, Nord Ouest Hoggar, Algérie): un exemple de complexe carbonatitique linéaire saturé en silice syngénétique. **Bull. Serv. Géol. Nat.; vol. 18, n° 3, 2007, p. 233-262.**

Mots-clés: Carbonatite; Fénite; Apatite; Monazite; Terres rares; Paléoprotérozoïque ; In Ouzzal ; Hoggar.

150. EMETZ A., PIESTRZYNSKI A., ZAGNITKO V. Geology, mineralogy and origin of the Zhyrychi native copper deposit (North-Western Ukraine). **Ann. Soc. Geol. Poloniae; vol. 76, n° 3, 2006, p.297-314.**

Keywords: Native copper; Deposit; Ukraine; Basalt; Tuff; Prehnite-pumpellyite paragenesis; Ore genesis.

151. LIU Y., DENG J., LI G. Structure refinement of Cs-rich Na-Li beryl and analysis of its typomorphic characteristics of configurations. **Acta Geologica Sinica; vol. 81, n° 1, 2007, p. 61-67.**

Keywords: Beryl; Crystal structure; Tabular crystal; Typomorphic characteristics.

152. SIMIC V., UHLIK P. Crystallite size distribution of clay minerals from selected Serbian clay deposits. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.109-116.

Keywords: Kaolinite ; Bentonite ; Halloysite ; BWA technique ; Serbia.

153. WANG X., GRIFFIN W.L., O'REILLY S.Y. Three stages of zircon growth in magmatic rocks from the Pingtan complex, Eastern China. **Acta Geologica Sinica**; vol. 81, n° 1, 2007, p.68-80.

Keywords: Zircon; Three stages of crystal growth; Typology; Trace element; Magmatic rock.

154. YVEN B., SAMMARTINO S., GERAUD Y. Assemblage minéralogique, texture et porosité des argilites du Callovo-Oxfordien de Meuse/Haute-Marne (est du bassin de Paris). **Mém. Soc. Géol. France. N.S.**; n°178, 2007, p.73-90.

Mots-clés: Injection de mercure ; Adsorption d'azote ; Minéralogie ; Texture ; Porosité ; Argilites.

PALEONTOLOGIE

155. ALIMERAS Y., ELMI S., FAURE P. Les brachiopodes liasiques d'Algérie occidentale. **Docum. Lab. Géol. Lyon**; n° 163, 2007, 219 p.

Mots-clés: Brachiopodes; Lias; Algérie occidentale; Paléontologie; Biostratigraphie; Paléobiogéographie.

156. ANTONARAKOU A., DRINIA H., TSAPARAS N. Micropaleontological parameters as proxies of late Miocene surface water properties and paleoclimate in Gavdos Island, eastern Mediterranean. **Geodiversitas**; vol. 29, n° 3, 2007, p.379-399.

Keywords: Planktonic foraminifera; Paleobiogeography; Early late Miocene; Gavdos Island; Greece.

157. BECCARO P. Radiolarian biostratigraphy of Middle-Upper Jurassic pelagic siliceous successions of Western Sicily and Southern Alps (Italy). **Mémoires de Géologie (Lausanne)**; n° 45, 2006, 87 p.

Keywords: Radiolaria; Ammonite; Correlation; Biostratigraphy ; Middle-Upper Jurassic ; Western Sicily; Southern Alps; Italy.

158. BERKELY A., PERRY C.T., SMITHERS S.G. A review of the ecological and taphonomic controls on foraminiferal assemblage development in intertidal environments. **Earth-Science Reviews**; vol. 83, n° 1-2, 2007, p.205-230.

Keywords: Intertidal; Saltmarsh; Mangrove; Foraminifera; Taphonomy; Infauna; Fossil assemblage.

159. BONIS L., PEIGNE S., LIKIUS A. Découverte de la hyène « chasseresse » chasmaporthetes dans les gisements fossilifères du Miocène supérieur de Toros Menalla (Tchad). **Bull. Soc. Géol. Fr.** ; t. 178, n° 4, 2007, p.317-326.

Mots-clés : Miocène supérieur; Afrique ; Tchad ; Mammalia ; Carnivora ; Hyaenidae.

160. BOUAOUDA M.-S. Découverte de Sievoides kocyigiti Farinacci & Ekmekci dans le Jurassique supérieur du bassin d'Essaouira (Maroc). **Bull. Inst. Scient. Rabat. Sect. Sciences de la terre**; n° 28, 2006, p. 1-7.

Mots-clés : Jurassique supérieur ; Foraminifères benthiques ; Bassin d'Essaouira ; Atlantique ; Maroc.

161. BOUDAGHER-FADEL M., BOSENCE D.W. Early Jurassic benthic foraminiferal diversification and biozones in shallow-marine carbonates of western Tethys. **Senckenbergiana Lethaea**; vol. 87, n° 1, 2007, p. 1-39.

Keywords: Benthic foraminifera; Biozones; Palaeoenvironment; Jurassic; Western Tethys.

162. BUCHY M.-C., STINNESBECK W., FREY E. Première mention du genre Dakosaurus (Crocodyliformes, Thalattosuchia) dans le Jurassique supérieur du Mexique. **Bull. Soc. Géol. Fr.**; t. 178, n° 5, 2007, p.391-397.

Mots-clés: Thalattosuchia ; Dakosaurus sp. ; Jurassique supérieur; Mexique; Glandes à sel; Paléobiogéographie.

163. CASIER J.-G., PREAT A. Ostracodes et lithofaciès du stratotype de la limite Dévonien moyen-Dévonien supérieur (Puech de la Suqye, Montagne Noire, France). **Bull. Soc. Géol. Fr.** ; t. 178, n° 4, 2007, p. 293-304.

Mots-clés : Ostracodes ; Microfaciès ; Givétien ; Frasnien ; GSSP ; Montagne Noire.

164. CLAUDE J., SUTEETHORN V., TONG H. Tortues de l'Eocène terminal-Oligocène basal du bassin de Krabi (Thaïlande). **Bull. Soc. Géol. Fr.** ; t. 178, n° 4, 2007, p.305-316.

Mots-clés : Tortues ; Indochine ; Thaïlande ; Geoemydidae ; Eocène.

165. GARCIA-ALIX A., MINWEAR-BARAKAT R., MARTIN-SUAREZ E. The southernmost record of fossil Castoridae (mammalia, Rodentia) in Europe. **Geodiversitas**; vol. 29, n° 3, 2007, p.435-440.

Keywords: Mammalia; Rodentia; Castoridae; SE Spain; Granada basin; Mio-Pliocene; Upper Turolian; Lower Ruscinian.

166. HILTON J., CLEAL C.J. The relationship between Euramerican and Cathaysian tropical floras in the Late Palaeozoic: palaeobiogeographical and palaeogeographical implications. **Earth-Science Reviews**; vol. 85, n° 3-4, 2007, p.85-116.

Keywords: Carboniferous; Permian; Palaeobotany; Biogeography; Coal-swamp.

167. JENNY C., GUEX J. Développement pathologique comme réponse à un stress environnemental chez les foraminifères du Permien terminal : note préliminaire. **Bull. Géol. Université de Lausanne; n° 364, 2005, p.171-184.**

Mots-clés : Limite Permien-Trias ; Foraminifères benthiques; Biseriamminidae ; Stress; Environnement.

168. JI S., GAO CH., LIU J. New material of *Sinosauropteryx* (Theropoda: compsognathidae) from Western Liaoning, China. **Acta Geologica Sinica; vol. 81, n°2, 2007, p.177-182.**

Keywords: Sinosauropteryx. Lingyuan; Liaoning; Yixian formation; Stratigraphic correlation; Cretaceous.

169. JI S., JI Q., LÜ J. A new giant compsognathid dinosaur with long filamentous integuments from Lower Cretaceous of Northeastern China. **Acta Geologica Sinica; vol. 81, n° 1, 2007, p. 8-15.**

Keywords: Compsognathidae; Sinocalliopteryx gen. nov.; Giant skeleton; Filamentous integuments; Yixian formation; Early Cretaceous; Western Liaoning.

170. JOLY B., FONTERS B. Morphotypes, polymorphisme et péristome chez les espèces du genre *Holcophylloceras* SPATH, 1927. Hypothèses sur le dimorphisme de l'espèce *Holcophylloceras zignodianum* (d'Orbigny, 1848). **Bull. Soc. Géol. Fr. ; t. 178, n° 3, 2007, p.217-229.**

Mots-clés : *Holcophylloceras* ; Morphotype ; Prae-caucasica ; Caucasica ; Nausikaae ; Polymorphisme ; *Adabofoloceras* ; Péristome ; Couples dimorphes ; Macroconique ; Microconique.

171. KOSTOPOULOS D.S., PALOMBO M.-R., ALBERDI M.-T. Pliocene to Pleistocene large mammal diversity and turnover in North Mediterranean region: the Greek Peninsula with respect to the Iberian and Italian ones. **Geodiversitas; vol. 29, n° 3, 2007, p.401-419.**

Keywords: Large mammals; Plio-Pleistocene; Diversity; Turnover; Southern Europe.

172. LAUPRASERT K., CUNY G., BUFFETAUT E. Un nouveau goniopholididé, *Siamosuchus phuphokensis*, du Crétacé inférieur (anté-Aptien) du Nord-Est de la Thaïlande. **Bull. Soc. Géol. Fr. ; t. 178, n° 3, 2007, p.201-216.**

Mots-clés : Crocodylia ; Thaïlande ; Crétacé inférieur ; Phylogénie.

173. LEROSEY-AUBRIL R. Larves de calymenidés (Trilobita) du Dévonien inférieur de la formation Bissounel (Montagne Noire, France). **Bull. Soc. Géol. Fr. ; t. 178, n° 3, 2007, p.197-200.**

Mots-clés : Protaspis ; Ontogénèse ; Trilobita ; Calymenidae ; Formation Bissounel ; Dévonien inférieur.

174. LI J., SERVAIS TH., YAN K. Courbes de diversité du microphytoplancton de l'Ordovicien de Chine. **Bull. Soc. Géol. Fr. ; t. 178, n°5, 2007, p.399-409.**

Mots-clés : Acritarches. Ordovicien; Chine; Changement du niveau marin.

175. LIAO J.-CH., GINTER M., VALENZUELA-RIOS J.I. Microrestes de chondrichthyens du Givétien des Pyrénées aragonaises (Espagne). **Bull. Soc. Géol. Fr. ; t. 178, n° 3, 2007, p. 171-178 .**

Mots-clés : Zone inférieure à varcus ; Zone moyenne à varcus ; Dents ; Ecailles ; Squamation ; *Phoebodus fastigatus*.

176. LÜ J.; XU L., ZHANG X. A new gigantic sauropod dinosaur with the deepest known body cavity from the Cretaceous of Asia. **Acta Geologica Sinica; vol. 81, n° 2, 2007, p. 167-176.**

Keywords: Huanghetitanidae; Huanghetitan ruyangensis; Mangchuan formation; Cretaceous; Ruyang; Henan; China.

177. MAZIANE-SERRAJ N., HARTKOPF-FRÖDER C., STREEL M. Palynomorph distribution and bathymetry in the Chanxhe section (Eastern Belgium), reference for the neritic Late to Latest Famennian transition (Late Devonian). **Geol. Belgica; vol. 10, n° 3-4, 2007, p.170-175.**

Keywords: Palynomorph; Miospores; Acritarches; Biometric zonation; Stratigraphy; Bathymetry; Belgium.

178. MERCERON G., BLONDEL G.D., KOUFOS G.D. Dental microwear analysis of bovids from the Vallesian (late Miocene) of Axios Valley in Greece: reconstruction of the habitat of *Ouranopithecus macedoniensis* (Primates, Hominoidea). **Geodiversitas; vol. 29, n° 3, 2007, p.421-433.**

Keywords: Primates; Hominoidea; *Ouranopithecus*; Microwear; Ungulates; Paleodiet; Paleoenvironment; Miocene; Greece.

179. PARENT H., GRECO A. An "equation of state" for the morphology of Jurassic ammonites: a multidimensional law based on classical dimensions". **Revue de Paléobiologie. Genève; vol. 26, n°1, 2007, p. 41-53.**

Keywords: Ammonites; Jurassic; Morphology; Multidimensional model.

180. PEIGNE S., MORLO M., CHAIMANEE Y. New discoveries of hyaenodontids (Creodonta, mammalia) from the Pondaung formation, middle Eocene, Myanmar. Paleobiogeographic implications. **Geodiversitas; vol. 29, n° 3, 2007, p.441-458.**

Keywords: Mammalia; Creodonta; Southeast Asia; Systematics; Paleobiogeography; Africa-Asia relationships.

181. REYMENT R.A., ENDO K., TSUJIMOTO Y. A note on heterogeneity in northern Pacific populations of the brachiopod species *Lingula anatina* Lamarck. **Earth Evolution Sciences**; vol. 1, 2007, p.33-36.

Keywords: Genetic heterogeneity; *Lingula*; Living fossils; Principal coordinate analysis.

182. RODRIGUE A. L'animal énigmatique d'Imi n°Taroucht (Maroc). **Bull. Soc. Hist. Nat. Toulouse** ; t. 143, 2006, p.47-48.

Mots-clés : Gravure ; Maroc ; Zoologie ; Bovidé ; Equidé.

183. RUNDIC L. Late Miocene ostracodes of Serbia: morphologic and palaeoenvironmental considerations. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.89-100.

Keywords: Late Miocene ; Ostracods ; Morphology ; Palaeoenvironment ; Serbia.

184. SARTENAER P., EBBIGHAUSEN V. The late Eifelian rhynchonellid (brachiopod) genus *Isopoma* Torley, 1934, and *Isopomidae* n.fam. **Senckenbergiana Lethaea**; vol. 87, n° 1, 2007, p.41-69.

Keywords: *Isopomidae*; *Isopoma*; Rhynchonellids; Brachiopods; W & C Europe.

185. SUTTNER TH.J. Conodont stratigraphy, facies-related distribution patterns and stable isotopes (carbon and oxygen) of the uppermost Silurian to Lower Devonian seewarte section (Carnic Alps, Carinthia, Austria). **Abhandlungen; Band 59**, 2007, 111 p.

186. SWIERCZEWSKA-GLADYSZ E. Late Cretaceous siliceous sponges from the Middle Vistula River Valley (Central Poland) and their palaeoecological significance. **Ann. Soc. Geol. Poloniae**; vol. 76, n° 3, 2006, p. 227-296.

Keywords: Sponges; Hexactinosida; Lychniscosida; Lithistids; Taxonomy; Palaeoecology; Upper Cretaceous; Central Poland.

187. WANG X. High temperature as a mechanism for plant cytoplasm preservation in fossils. **Acta Geologica Sinica**; vol. 81, n° 2, 2007, p.183-193.

Keywords: Cretaceous; Wildfire; Fossil; High temperature; Plant cytoplasm.

188. WANG X., CUI J. The first observation on plant cell fossils in China. **Acta Geologica Sinica**; vol. 81, n° 1, 2007, p.16-22.

Keywords: Fossils; Cells; Plant; China; Cretaceous.

189. ZAPALSKI M.K., HUBERT B., NICOLLIN J.-P. La biodiversité des stromatopores, des tabulés et des brachiopodes du Dévonien des Ardennes. Modifications à travers le

temps. **Bull. Soc. Géol. Fr.**; t. 178, n° 5, 2007, p.383-390.

Mots-clés: Dévonien ; Ardennes ; Biodiversité ; Stromatoporoïdes ; Chaetetides ; Hydroïdes ; Coraux tabulés ; Brachiopodes.

190. ZEBAZE TOGOUET S.H., NJINE T., KEMKA N. Répartition spatio-temporelle des crustacés zooplanctoniques (Copépodes et Cladocères) d'un petit lac hypereutrophe d'Afrique tropicale. **Bull. Soc. Hist. Nat. Toulouse** ; t. 143, 2006, p.49-58.

Mots-clés : Zooplancton lacustre ; Copepoda ; Cladocera ; Biodiversité ; Lac hypereutrophe peu profond ; Répartition spatio-temporelle ; Afrique tropicale.

191. ZIDIANAKIS G., MOHR B.A.R., FASSOULAS CH. A late Miocene leaf assemblage from Vrysses, western Crete, Greece, and its palaeoenvironmental and paleoclimatic interpretation. **Geodiversitas**; vol. 29, n° 3, 2007, p. 351-377.

Keywords: Late Miocene; Crete; Greece; Leaves; Paleovegetation; Paleoclimate.

PETROLOGIE

192. CHAMBEFORT I., MORITZ R., QUADT A. Petrology, geochemistry and U-Pb geochronology of magmatic rocks from the high-sulfidation epithermal Au-Cu Chelopech deposit, Srednogie zone, Bulgaria. **Mineralium Deposita**; vol. 42, n°7 2007, p.665-690.

Keywords : Chelopech; Au-Cu; High-sulfidation; Epithermal; Bulgaria; U-Pb dating; Hf isotopes.

193. D'OREFICE M., GRACIOTTI R., CAPITANIO F. Middle-Pleistocene volcanism in the Latium-Abruzzi Apennines: from scientific peculiarities to applicative aspects. **Mem. Descr. Carta Geol. D'It.**; vol. LXXII, 2006, p. 7-67.

Keywords: Middle Pleistocene; Central Apennines; Monogenic volcanism; Pyroclastic deposits; Ultra-alkaline mafic magmatism.

194. GENG Y., LIU F., YANG CH. Magmatic event at the end of the Archean in Eastern Hebei Province and its geological implications. **Acta Geol. Sinica**; vol. 80, n° 6, 2006, p.819-833.

Keywords: Orthogneiss; Magmatic event; Neoproterozoic; Zircon age; Eastern Hebei Province.

195. HERVE F., MASSONNE H.-J., CALDERON M. Metamorphic P-T conditions of Late Jurassic rhyolites in the Magallanes fold and thrust belt, Patagonian Andes, Chile. **Journal of Iberian Geology**; vol. 33, n° 1, 2007, p. 5-16.

Keywords: Metamorphism; Tobifera formation; Patagonian Andes; Chile.

196. SHETH H.C. 'Large igneous provinces (LIPs)': definition, recommended terminology, and a hierarchical classification. **Earth-Science Reviews**; vol. 85, n°3-4, 2007, p.117-124.

Keywords: Large igneous province; Magmatism; Volcanism; Classification; Nomenclature.

197. TOWNLEY B., ROPERCH P., OLIVEROS V. Hydrothermal alteration and magnetic properties of rocks in the Carolina de Michilla stratabound copper district, northern Chile. **Mineralium Deposita**; vol. 42, n°7 2007, p.771-789.

Keywords: Hydrothermal alteration; Rock magnetic properties; Stratabound Cu mineralization; Chile.

198. TRUA T., SERRI G., ROSSI P.L. Coexistence of IAB-type and OIB-type magmas in the southern Tyrrhenian back-arc basin: evidence from recent seafloor sampling and geodynamic implications. **Mem. Descr. Carta Geol. d'It.** ; vol. 44, 2004, p.83-96.

Keywords: Southern Tyrrhenian; Calc-alkaline magmas; Alkaline magmas.

SEDIMENTOLOGIE

199. CARRUBA S., CASNEDI R., FELLETTI F. Sedimentary evolution in a migrating foredeep basin: geometry and facies analysis of the massive sandy bodies of the Cellino formation, Lower Pliocene Periadriatic Foredeep (Central Apennines, Italy). **Boll. Soc. Geol. It.(Ital. J.Geosci.)** ; vol. 126, n° 3, 2007, p.473-485.

Keywords: Turbidites; Sandstone megabeds; Foredeep migrating basin; Lower Pliocene; Central Apennine.

200. CLAUER N., FOURCADE S., CATHELINÉAU M. Une synthèse des travaux sur l'histoire diagénétique de la série sédimentaire du bassin de Paris depuis le Dogger jusqu'au Tithonien. Impact sur les caractéristiques physiques et chimiques des roches. **Mém. Soc. Géol. France. N.S.**; n°178, 2007, p.59-71.

Mots-clés: Callovien ; Oxfordien ; Dogger ; Bassin de Paris ; Diagenèse ; Carbonates ; Argiles ; Matière organique ; Minéralogie ; Géochimie.

201. DUSAR M., LAGROU D. Lithofacies and paleogeographic distribution of the latest Cretaceous deposits exposed in the Hinnisdael underground quarries in Vechmaal (commune Heers, Belgian Limbourg). **Geol. Belgica**; vol. 10, n° 3-4, 2007, p.176-181.

Keywords: Lithofacies; Sediment; Deposition; Lithostratigraphy; Ecozone; Maastricht formation; Hinnisdael; Belgium.

202. GAMBERI F., MARANI M.P. Deep-sea depositional systems of the Tyrrhenian basin. **Mem. Descr. Carta Geol. d'It.** ; vol. 44, 2004, p.127-146.

Keywords: Sedimentary processes; Intraslope basins; Depositional system distribution; Tyrrhenian sea.

203. KÖTHE A., PIESKER B. Stratigraphic distribution of Palaeogene and Miocene dinocysts in Germany. **Revue Paléobiologie (Genève)**; vol. 26, n° 1, 2007, p. 1-39.

Keywords: Dinocysts ; Organic-walled dinoflagellate cysts ; Germany ; Paleogene ; Miocene ; Distribution tables.

204. LEZIN C., REY J., FAURE PH. Enregistrements tectono-biosédimentaires au passage Lias-Dogger : exemple de la plate-forme carbonatée du Quercy (bassin d'Aquitaine, France). **Bull. Soc. Géol. Fr.**; t. 178, n° 4, 2007, p. 275-291.

Mots-clés: Toarcien. Aalénien ; Plate-forme carbonatée ; Sédimentation ; Tectonique ; Quercy ; France.

205. PEROPADRE C., MELENDEZ N., LIESA C.L. Heterogeneous subsidence and paleogeographic elements in an extensional setting revealed through the correlation of a storm deposit unit (Aptian, E Spain). **Journal of Iberian Geology**; vol. 33, n° 1, 2007, p.79-91.

Keywords: High-resolution correlation; Differential subsidence; Storm deposits; Aptian; Spain.

206. RAMKUMAR M. A storm event during the Maastrichtian in the Cauvery basin, South India. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.35-40.

Keywords: Storm event ; Maastrichtian ; Kallankurichchi formation ; Ariyalur Group ; South India.

207. SCHNEIDER W., AMIREH B.S., ABED A.M. Sequence analysis of the Early Paleozoic sedimentary systems of Jordan. **Z. dt. Ges. Geowiss.** ; Band 158, Heft 2, 2007, p.225-247.

Keywords: Sedimentology; Depositional environments; Lithofacies; Architectural elements; Trace fossils; Granulometry; Sedimentary petrology; Sequence analysis; Diagenesis; Early Paleozoic; "Nubian series"; Jordan.

208. VOUSDOKAS M.I., VELEGRAKIS A.F., PLOMARITIS T.A. Beachrock occurrence, characteristics, formation mechanisms and impacts. **Earth-Science Reviews**; vol. 85, n°1-2, 2007, p.23-46.

Keywords: Beachrock; Carbonate cements; Coastal morphodynamics; Beach erosion; Sediment transport; Beach profiles.

209. ZECCHIN M. The architectural variability of small-scale cycles in shelf and ramp clastic systems: the controlling factors. **Earth-Science Reviews**; vol. **84**, n°1-2, 2007, p.21-55.
Keywords: Small-scale cycles; Stratal architecture; Saquence stratigraphy; Parasequences; Controlling factors.

210. ZHANG J., ZHAO L., LI S. U-Pb zircon dating of the granitic conglomerates of the Hutuo group: affinities to the Wutai granitoids and significance to the tectonic evolution of the Trans-North China orogen. **Acta Geologica Sinica**; vol. **80**, n° 6, 2006, p. 886-898 ;
Keywords : Trans-North China orogen ; Paleoproterozoic ; Wutai complex ; Hutuo group; Conglomerates.

STRATIGRAPHIE

211. ALBA J.S. La Mancha Triassic and Lower Lias stratigraphy, a well log interpretation. **Journal of Iberian Geology**; vol. **33**, n° 1, 2007, p.55-78.
Keywords: Triassic; Lias; La Mancha; Well data; Evaporitic sequences.

212. ALMEIDA-ABREU P.A., RENGER F.E. Stratigraphy and facies of the southern Serra do Espinhaço, Minas Gerais, Brazil. **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.9-29.**
Keywords: Serra do Espinhaço ; Minas Gerais ; Brazil ; Precambrian ; Espinhaço Supergroup ; Stratigraphy.

213. ALVARO J.J., FERRETTI A., GONZALEZ-GOMEZ C. A review of the Late Cambrian (Furongian) palaeogeography in the western Mediterranean region, NW Gondwana. **Earth-Science Reviews**; vol. **85**, n°1-2, 2007, p.47-81.
Keywords: Late Cambrian; Stratigraphy; Palaeoenvironments; Palaeogeography; Palaeobiogeography; Trilobites; Brachiopods; Echinoderms; Events; Morocco; SW Europe; Rheic ocean; Gondwana.

214. ARCHE A., DIEZ J.B., LOPEZ-GOMEZ J. Identification of the Early Permian (Autunian) in the subsurface of the Ebro basin, NE Spain, and its paleogeographic consequences. **Journal of Iberian Geology**; vol. **33**, n° 1, 2007, p.125-133.
Keywords: Permian; Autunian; Ebro basin; Palynology; Carboniferous.

215. AZDIMOUA A., POUPEAU G., REZQI H. Géodynamique des bordures méridionales de la mer d'Alboran ; application de la stratigraphie séquentielle dans le bassin néogène de Boudinar (Rif oriental, Maroc). **Bull. Inst. Scient. Rabat. Sect. Sciences de la terre**; n° 28, 2006, p.9-18.

Mots-clés : Maroc ; Rif ; Bassin de Boudinar ; Néogène ; Stratigraphie séquentielle ; Traces de fission ; Géodynamique.

216. DIEZ J.B., BOURQUIN S., BROUTIN J. Le 'Buntsandstein' Permien-triasique de la Branche aragonaise de la Chaîne ibérique (Espagne) replacé dans le contexte stratigraphique du domaine ouest-européen : approche sédimentologique et palynologique. **Bull. Soc. Géol. Fr. ; t. 178, n° 3, 2007, p.179-195.**

Mots-clés : Microflore ; Stratigraphie séquentielle ; 'Buntsandstein' ; Permien-Trias ; Anisien ; Chaîne ibérique ; Espagne.

217. DONDERS T.H., HOEVE M.K., WESTERHOFF W. Late Neogene continental stages in NW Europe revisited. **Earth-Science Reviews**; vol. **85**, n°3-4, 2007, p.161-186.

Keywords: Pollen; Neogene; Palaeoclimate; Biostratigraphy; Lithostratigraphy; Fluvial deposits.

218. FAURE PH., ALMERAS Y. Le Sinémurien terminal (zone à raricostatum) des Pyrénées et des chaînons du Bas-Languedoc (France) : biostratigraphie, évolution sédimentaire et paléogéographie. **Bull. Soc. Hist. Nat. Toulouse ; t. 142, 2006, p. 5-25.**

Mots-clés : Lias ; Sinémurien ; Lotharingien ; Brachiopodes ; Ammonites ; Echioceratidae ; Pyrénées ; Languedoc ; Pyrénées Atlantiques ; Aude ; Hérault.

219. FERRY S., PELLENARD P., COLLIN P.-Y. Synthèse des données stratigraphiques récentes sur les formations bathoniennes à oxfordiennes de l'Est du bassin de Paris. **Mém. Soc. Géol. France. N.S. ; n°178, 2007, p.37-57.**

Mots-clés : Est de la France ; Bassin de Paris ; Stratigraphie ; Biostratigraphie ; Jurassique moyen ; Jurassique supérieur ; Paléogéographie ; Plateforme carbonatée ; Argilites ; Bentonite.

220. GAZDZICKA E., DZIADZIO P., PLOCH I. Biostratigraphy and sequence stratigraphy of the Lower Cretaceous in Central and SE Poland. Reply. **Ann. Soc. Geol. Poloniae**; vol. **76**, n° 3, 2006, p.321-325.

Keywords: Cretaceous; Lithology; Palaeogeography; Biostratigraphy; Poland.

221. JOHNSON M.R. Catalogue of South African lithostratigraphic units. **Lithostratigraphic Series of South African Committee for stratigraphy**; vol. **7, 2003, 45 p.**

Keywords: Lithostratigraphy unit; Stratotype; Sedimentary units; Igneous units; High-grade metamorphic units; South Africa.

222. JOLKICEV N.A. The Cretaceous/Paleogene (K/Pg) boundary in the Mezdra and Lyutidol syncline, Vratza district (West-Fore Balkan, Bulgaria). **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.41-49.

Keywords: Cretaceous/Paleogene boundary; Maastrichtian strata; Nannofossils; Foraminifers; Inoceramids; Ammonites; Echinoids; West Fore Balkan; Bulgaria.

223. KÖTHE A. Cenozoic biostratigraphy from the German North Sea sector (G-11-1 borehole, dinoflagellate cysts, calcareous nannoplankton). **Z. dt. Ges. Geowiss. ; Band 158, Heft 2, 2007, p. 287-327.**

Keywords: Neogene; Paleogene; Biostratigraphy; Dinoflagellate cysts; Calcareous nannoplankton; Log correlation; Seismic sequence; North Sea Basin; German North Sea sector.

224. LUCAS S.G., TANNER L.H. The nonmarine Triassic-Jurassic boundary in the Newark Supergroup of eastern North America. **Earth-Science Reviews**; vol. 84, n°1-2, 2007, p.1-20.

Keywords: Triassic; Jurassic; Newark Supergroup; Mass extinction.

225. MAREK S., RACZYNSKA A., LESZCZYNSKI K. Dziadzio P.S., Gadsicka A., Ploch E., Smolen J. Biostratigraphy and sequence stratigraphy of the Lower Cretaceous in Central and SE Poland. Discussion. **Ann. Soc. Geol. Poloniae**; vol. 76, n° 3, 2006, p.315-319.

Keywords: Jurassic; Lower Cretaceous; Boreholes; Boundary; Biostratigraphy; Poland.

226. MARTINS-NETO M.A. Proterozoic first-order sedimentary successions of the Sao Francisco basin in eastern Brazil. **Z. dt. Ges. Geowiss. ; Band 158, Heft 1, 2007, p.31-44.**

Keywords: Precambrian; Proterozoic; Sequence stratigraphy; Eastern Brazil; Sao Francisco craton; Sao Francisco basin.

227. RICHOZ S. Stratigraphie et variations isotopiques du carbone dans le Permien supérieur et

le Trias inférieur de quelques localités de la Néotéthys (Turquie, Oman et Iran). **Mémoires de Géologie (Lausanne) ; n° 46, 2006, 259p.**

Mots-clés: Permien ; Trias ; Isotope ; Carbone ; Stratigraphie ; Oman ; Iran ; Turquie ; Téthys ; Bactéries ; Méthane.

228. RUBAN D. The palaeogeographic outlines of the Caucasus in the Jurassic : the Caucasian sea and the neotethys ocean. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p. 1-11.

Keywords: Sea ; Seaway ; Bassin ; Arc ; Jurassic ; Caucasus ; Neotethys.

229. TAVARES T., MEISTER C., DUARTE-MORAIS M.L. Albian ammonites of the Benguela basin (Angola): a biostratigraphic framework. **South African Journal of Geology**; vol. 110, n° 1, 2007, p.137-156.

Keywords: Biostratigraphy; Albian; Correlation; Ammonite; Age; Angola.

230. TCHOUMATCHENCO P., RABRENOVIC D. Trans-border (east Serbia/west Bulgaria) correlation of the Jurassic sediments: main Jurassic paleogeographic units. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.13-17.

Keywords: Jurassic; Paleogeographic units; South-eastern Serbia; Western Bulgaria.

231. TCHOUMATCHENCO P., RABRENOVIC D. Trans-border (south-east Serbia/west Bulgaria) correlations of the Jurassic sediments: infra-getic unit. **Annal. Geol. de la Peninsule Balkanique**; t. 67, 2006, p.19-33.

Keywords: Jurassic; Infra-getic; Correlations; Lithostratigraphic units; South-eastern Serbia; Western Bulgaria.

232. VANMEIRHAEGHE J. Review of the lithostratigraphy of the Middle Ordovician to Llandovery of the Condroz Inlier (Belgium) by chitinozoan biostratigraphy: does the sedimentary succession records the Ardennian deformation?. **Geol. Belgica**; vol. 10, n° 3-4, 2007, p.162-164.

Keywords: Stratigraphic units; Lithostratigraphy; Middle Ordovician; Deformation; Sedimentology; Condroz Inlier; Belgium.

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