

BIBLIOGRAFIA

Alvarez W., **1976**. *A former continuation of the Alps*. Geological Society of American Bulletin, 87, pp 891-896.

Amodio Morelli, L., Bonardi, G., Colonna, V., Dietrich, D., Giunta, G., Ippolito, F., Liguori, V., Lorenzoni, S., Paglionico, A., Perrone, V., Piccarreta, G., Russo, M., Scandone, P., Zanettin Lorenzoni, E., Zappetta, A., **1976**. *L'Arco Calabro-Peloritano nell'Orogene Appenninico-Maghrebide*. Memorie della Società Geologica Italiana 17, 1-60.

Atzori, P., Ferla, P., Paglionico, A., Piccarreta, G., Rottura, A., **1984**. *Remnants of the Hercynian Orogen along the Calabrian-Peloritan Arc, southern Italy: a review*. Journal of the Geological Society London. 141, 137-145 Boccaletti M, Nicolich R, Tortorici L, (1984) - The Calabrian Arc and the Ionian Sea in the dynamic evolution of the central Mediterranean. Mar. Geol., 55. 219-245.

Ayuso R.A., Messina A., De Vivo B., Russo S., Woodruff L.G., Sutter J.F. ad Belkin H.E. **1994**. *Geochemistry and argon thermochronology of the Variscan Sila Batholith, southern Italy : source rocks and magma evolution*. Contrib. Mineral. Petrol., 117 :87-109.

Beccaluva L., Maciotta G. and Spadea P. **1982**. *Petrology and geodynamic significance of the Calabria-Lucania ophiolites*. Rend. Soc. It. Miner. Petrol.,38 : 973-987.

Blackburn W.H. **1969**. *Zoned and unzoned garnets from the Greenville gneisses around Gananoque, Ontario*. Canadian Mineralogist, v9, p691-698.

Boccaletti M., Nicolich R. and Tortorici L.,**1984**. *The Calabrian arc and the Ionian Sea in the dynamic evolution of the Central Mediterranean*. Marine Geology, 55 :219-245.

Bonardi G., Giunta G., Perrone V., Russo M. and Zuppetta A. **1980**. *Osservazione sull'evoluzione dell'Arco Calabro-Peloritano nel Mioen Inferiore : la formazione di Stilo-Capo d'Orlando*. Boll. Soc. Geol. It., 99 :365-393.

Bonardi G., Cello G., Perrone V., Tortorici L., Turco E. and Zuppetta A. **1982**. *The evolution of the northern sector of the Calabria-Peloritani arc in a semiquantitative palynspastic restoration*. Boll. Soc. Geol. Ital., 101: 259-274.

Bonardi G., Giunta G., Messina A., Perrone V. and Russo S. **1993**. *The Calabrian-Peloritani Arc and its correlation with the Northern Africa and Southern Europe*. Field Trip Guidebook. In A. Messina, S. Russo (eds.), The Calabrian-Peloritani Arc and its correlation with Northern Africa and Southern Europe. IGCP Project n.276, Newsletter, 6 :27-90.

Bonardi, G., Cavazza, W., Perrone, V., Rossi, S., **2001**. *Calabria-Peloritani terrane and northern Ionian Sea*. In: Vai, G.B., Martini, I.P. (Eds.), *Anatomy of an Orogen: the Apennines and Adjacent Mediterranean Basins*. Kluwer Academic Publishers, pp. 287-306.

Bonfiglio L. **1966**. *Rilievi preliminari sulla tettonica del cristallino nella zona a NW di Catanzaro (triangolo: Zagarise, Racise, Miglierina)*. Boll. Soc. Geol. Ital., 85 (1), pp 91-102.

Borsi S. & Dubois R., **1968**. *Donnes geochronologiques sur l'histoire hercynienne et alpine de la Calabre centrale*. C.R. Acad. Sc. Paris, 266, pp 72-75 (serie D).

Bouillin J.P., Durand-Delga & Olivier P. **1986**. *Betic rifian and tyrrhenian arcs: distinctive features, genesis and development stages*. In the Origin of Arcs. Edited by F.C. Wezel, pp 281-304, Elsevier.

Brossé R. **1968**. *Etude geologique de la region de Tiriolo, province de Catanzaro, Calabre centrale-Italie*. Rev. Geogr. Phys. Geol. Dyn., S. 2, 10 (3), pp 277-284.

Burton A. N. **1971**. *Carta geologica della Calabria alla scala 1:25.000. relazione generale*. 120 pp, Cassa per il Mezzogiorno, Servizio Bonifiche, Roma.

Caddick M.J., Konopàsek J., Thompson A.B **2010**. *Preservation of garnet growth zoning and the duration of prograde metamorphism*. Journal of petrology, 51.2327-2347.

Caggianelli, A., Prosser, G., Rottura, A., **2000**. *Thermal history vs. fabric anisotropy in granitoids emplaced at different crustal levels: an example from Calabria, southern Italy*. Terra Nova 12, 109–116.

Caggianelli A., Prosser G., **2001**. *An exposed cross-section of the late Hercynian upper and intermediate continental crust in the Sila nappe (Calabria)*. Periodico di Mineralogia, 70 (3), 275-301.

Carminati E., Wortel M. J. R., Spakman W. and Sabadini, R. **1998**. *The role of slab detachment process in the opening of the western-central Mediterranean basins: some geological and geophysical evidence*. Earth Planet. Sc. Lett., 160: 651-665.

Cello G., Tortorici L., Turco E. and Guerra I. **1982**. *Profili profondi in Calabria settentrionale*. Boll. Soc. Geol. It., 110: 685-694.

Cello G., Lentini F. and Tortorici L. **1990**. *La struttura del settore calabro-lucano e suo significato nel quadro dell'evoluzione tettonica del sistema a thrust sudappenninico*. Studi Geol. Camerati, spec.vol.:27-34.

Cello G., Morten L. and De Francesco A.M. **1991**. *The tectonic significance of the Diamante-Terranova unit (Calabria, southern Italy) in the Alpine evolution of the northern sector of the Calabrian Arc*. Boll. Soc. Geol. It., 110:685-694.

Cello G., Invernizzi C. & Mazzoli S. **1996**. *Structural signature of tectonic processes in the Calabrian Arc, southern Italy: Evidence from the oceanic-derived Diamante-Terranova Unit*. Tectonics, 15 (1), pp 187-200.

Cirrincione, R., Ortolano, G., Pezzino, A., Punturo, R., **2008**. *Poly-orogenic multi-stage metamorphic evolution inferred via P–T pseudosections: an example from Aspromonte Massif basement rocks (Southern Calabria, Italy)*. *Lithos* 103, 466–502.

Colonna V. & Zanettin Lorenzoni E. **1970**. *Gli scisti cristallini della Sila Piccola. 1°: rapporti tra i cosiddetti scisti bianchi e le filladi nella zona di Tiriolo*. *Men. Soc. Geol. Ital.*, 9 (2), pp 135-156.

Colonna V. & Zanettin Lorenzoni E. **1972**. *Gli scisti cristallini della Sila Piccola. 2°: rapporti tra la formazione delle filladi e la formazione delle pietre verdi nella zona di Gimigliano*. *Men. Soc. Geol. Ital.*, 11 (3), pp 261-292.

Colonna V. & Piccarreta G. **1976**. *Contributo alla conoscenza dell'unità di Castagna in Sila Piccola: rapporti tra micascisti, paragneiss e gneiss occhiadini*. *Boll. Soc. Geol. Ital.*, **95**, pp 39-48.

Colonna V. and Piccarreta G. **1977**. *Carta Geologico-Petrografica delle zone comprese tra Serrastretta-Carlopoli-Gimigliano-Pianopoli (Sila Piccola, Calabria)*. Allegato Sviluppo, n.9, Rivista della Cassa di Risparmio di Calabria e Lucania.

Colonna V. & Compagnoni R. **1982**. *Guida all'escursione sulle unità cristalline della Catena Costiera (Calabria)*. *Rend. Soc. Ital. Min. Petr.*, 38 (3), pp 1141-1152.

Connolly J.A.D., Kerrick D.M, **1987**. *An algorithm and computer program for calculating composition diagram*. *CALPHAD*, 11, 1-54.

Connolly, J.A.D., **1990**. *Multivariable phase diagrams: an algorithm based on generalized thermodynamics*. *American Journal of Sciences* 290, 666–718.

Connolly, J.A.D., Petrini, K., **2002**. *An automated strategy for calculation of phase diagram sections retrieval of rock properties as a function of physical conditions*. *J. Metamorph. Geol.* 20: 697-708.

Cortese E. **1895**. *Descrizione geologica della Calabria*. *Mem. descr. Carta Geol. d'Italia*, 9, pp 310.

Cotecchia V. & Melidoro G. **1966**. *Geologia e stabilità delle sponde in filladi del fiume Melito (Calabria)*. *Geol Appl. Idrogeol.*, 1, pp 129-166.

Critelli S., Le Pera E., **1998**. *Post-Oligocene sediment-dispersal systems and unroofing history of the Calabrian microplate, Italy*. *Int. Geol. Rev.* 40:609-637.

Debat P., Soula J.C., Kubin L. and Vidal J.L. **1978**. *Optical studies of natural deformation microstructures in feldspars (gneiss and pegmatites from Occitania, Southern France)*. *Lithos* 11: 133-145.

De Roever E. W. F. **1972**. *Lawsonite-albite facies metamorphism near Fuscaldo, Calabria (Southern Italy), its geological significance and petrological aspects*. *GUA Pap. Geol.*, S. 1, 3, pp 171.

De Vuono E. **2006**. *Caratteristiche petrografiche-microstrutturali delle rocce milonitiche dell'Unità di Castagna (Sila e Catena Costiera, Calabria)*. Boll. Acc. Gioenia. Sci. Nat. Vol.39n.366 pp101-127.

Dewey J.F., Helman M.L., Turco E., Hutton D.W.H., Knott S.D., **1989**. *Kinematic of the western Mediterranean*. Geol. Soc. London Spec. Publ., 4, pp 265-283.

Doblas, M., Oyarzun, R., Sopena, A., López Ruiz, J., Capote, R., Hernández Henrile, J.L., Hoyos, M., Lunar, R., Sánchez Moya, Y., **1994**. *Kinematics Variscan-late Variscan-early Alpin progressive extensional collapse of central Spain*. Geodinamica Acta 7:1-14.

Dietrich D. **1976a**. *La geologia della Catena Costiera calabra tra Cetraro e Guardia Piemontese*. Mem. Soc. Geol. It., 17, pp 61-121.

Dietrich D., **1988**. *Sense of overthrust shear in the alpine nappes of Calabria (Southern Italy)*. Jour. Srtuct. Geol., 10 (4), pp 373-381.

Dubois R. & Glangeaud L., **1965**. *Grandes structures, microstructures et sens des chevauchements de matériel cristallin a l'extrémité méridionale du massif de la Sila (Calabre centrale, Italie)*. C.R. Somm. Geol.France, 1965 (7), pp 239-240.

Dubois R. **1967**. *L'orientation des micas dans les schistes cristallins de l'auréole du massif granitique de la Sila (Calabre centrale)*. Bull. Soc. Geol. France, S. 7, 9 (2), pp 246-254.

Dubois R. **1969**. *Le passage lateral des prasinites de Rosa-Fuscaldo aux épanchements jurassique de Malvito et sens consequences sur l'interpretation de la suture calabro-apenninique*. C.R. Acad. Sc. Paris, 268, pp 1004-1007

Dubois R. **1970**. *Phases de serrage, nappes de socle et metamorphisme alpin a la jonction Calabre-Apennin: la suture calabro-apenninique*. Rev. Geogr. Phys. Geol. Dyn., S. 2, 12 (3), pp 221-254.

Dubois R. **1976**. *La suture calabro-apenninique Cretace-Eocene et l'ouverture Tyrrhénienne Neogene; étude pétrographique et structurale de la Calabre centrale*. Thèse, Paris VI.

Duyster, J., 1996. Stereonett 2.0, University of Bochum:
<http://www.microtexture.de/StereoHTML/quarzava.htm>

Dymoke P. & Sandiford M. **1992**. *Phase relationships in Buchan facies series pelitic assemblages: Calculations with application to andalusite-staurolite parageneses in the Mount Lofty Ranges, South Australia*. Contributions to Mineralogy and Petrology. 110, 121-132.

Evans, T.P., **2004**. *A method for calculating effective bulk composition modification due to crystal fractionation in garnet-bearing schists: implications for isopleths thermobarometry*. Journal of Metamorphic Geology 22, 547-557.

Faure M. **1980**. *Microtectonique et charriage Est-Ouest des nappes alpines profondes de Sila (Calabre–Italie meridionale)*. Rev. Geogr. Phys. Geol. Dyn., 22 (2), pp 135-146.

Fazio, E., Cirrincione, R., Pezzino, A., **2008**. *Estimating P–T conditions of Alpine-type metamorphism using multistage garnet in the tectonic windows of the Cardeto area (southern Aspromonte Massif, Calabria)*. Mineralogy and Petrology 93, 111–142.

Ferla, P. **2000**. *A model of continental crustal evolution in the geological history of the Peloritani Mountains (Sicily)*. Memorie della Società Geologica Italiana 55:87-93.

Festa, V., Di Battista, P., Caggianelli, A., Liotta, D., **2003**. *Exhumation and tilting of the late Hercynian continental crust in the Serre Massif (Southern Calabria-Italy)*. Bollettino della Società Geologica Italiana 2, 79-88.

Gaidies F. Abart R., De Capitani C., Schuster R., Connolly J.A.D. and Reusser E. **2006**. *Characterization of polymetamorphism in the Austroalpine basement east of the Tauern Window using garnet isopleths thermobarometry*. J. Metamorphic Geol. Doi: 10.1111/j.1525-1314.2006.00648.x.

Ghisetti F., Pezzino A., Atzori P. & Vezzani L. **1991**. *Un approccio strutturale per la definizione della linea di Taormina: risultati preliminari*. Mem. Soc. Geol. It., v 47, p.273-289.

Goscombe, B., Passchier, C.W., **2003**. *Asymmetric boudins as shear sense indicators: an assessment from field data*. Journal of Structural Geology 25, 575–589.

Goscombe Ben D., Passchier C.W and Hand M. **2004**. *Boudinage classification: end-member boudin types and modified boudin structures*. Journal of Structural Geology 26, 739–763.

Graessner T. & Schenk V. **1999**. *“Low pressure metamorphism of Paleozoic pelites in the aspromonte, southern Calabria. Constraints for the thermal evolution in the Calabrian cross-section during the Hercynian Orogeny”*. J. Metamorphic Geol. 17, 157-172.

Graebner, T., Schenk, V., Bröcker, M., Mezger, K., **2000**. *Geochronological constraints on timing of granitoid magmatism, metamorphism and post-metamorphic cooling in the Hercynian crustal cross-section of Calabria*. Journal of Metamorphic Geology 18, 409-421.

Graessner T. & Schenk V. **2001**. *An Exposed Hercynian Deep Crustal Section in the Sila Massif of Northern Calabria: Mineral Chemistry, Petrology and a P-T Path of Granulite-facies Metapelitic Migmatites and Metabasites*. Journal of Petrology, 42 (5), pp 931-961.

Grosso C, Castelli D. and Compagnoni R. **2006**. *Late chloritoid-staurolite assemblage in a garnet-kyanite-bearing metapelite from the ultrahigh-pressure Brossasco-Isasca unit (Dora-Maira Massif, Western Alps): New petrological constraints for a portion of the decompressional path*. Geological Society of America. doi: 10.1130/2006.2403(07) GSA Special Papers v. 403, p. 127-138.

Gueguen, E. Doglioni, C. and Fernandez M., **1998**. *On the post-25 Ma geodynamic evolution of the western Mediterranean*. Tectonophysics, 298, 259-269.

Guerrera F., Martin-Algarra A. & Perrone V. **1993**. *Late Oligocene-Miocene syn/late-orogenic successions in western and central Mediterranean chains from Betic Cordillera to Southern Apennine*. Terra Nova, 5, pp 525-544.

Haccard D., Lorenz C. and Grandjacquet C. **1972**. *Essai sur l'évolution tectonogenetique de la liaison Alpes-apennines (de la Ligurie a la Calabre)*. Mem.Soc. Geol. It., 11:309-341.

Hames W.E. Menard T. **1993**. Fluid assisted modification of garnet composition along rims, cracks and mineral inclusion boundaries in samples of amphibolites facies schists. Am. Min. 78, 338-344.

Heilbronner R. and Tullis J. **2006**. *Evolution of c-axis pole figures and grain size during dynamic recrystallisation: Results from experimentally sheared quartzite*. J. Geophys. Res. 111, B10202, doi: 10.1029/2005JB004194.

Hetherington, C.J., Le Bayon, R., **2005**. *Bulk rock composition: a key to identifying invisible prograde reactions in zoned garnet*. Swiss Bulletin of Mineralogy and Petrology 85, 57–68.

Holland, T.J.B., Powell, R., **1998**. *An internally consistent thermodynamic data set for phases of petrological interest*. Journal of Metamorphic Geology 16, 309–343.

Jessell M.W. **1988b**. *Simulation of fabric development in recrystallizing aggregates: Description of the model*. Journal of structural Geology 10: 771-778.

Knott S.D. **1987**. *The Liguride Complex of southern Italy - a Cretaceous to Paleogene accretionary wedge*. Tectonophysics, 142:217-226.

Kretz, R., **1983**. *Symbols for rock-forming minerals*. American Mineralogist 68, 277-279.

Ietto A. and Barillaro A. M. **1993**. *L'Unità di San Donato quale margine deformato cretacicopaleogenico del bacino di Lagonegro (Appennino meridionale-Arco Calabro)*. Boll. Soc. Geol. It., 111: 193-215.

Ietto A. and Ietto F. **1998**. *Sviluppo e annegamento di un sistema carbonatico piattaforma-bacino nel Trias superiore della Catena Costiera calabrese*. Boll. Soc. Geol. It., 117:313-331.

Iannace A., Boni M. and Zamparelli V. **1995**. *The middle-Upper Triassic of the San Donato Unit Auc. (northern Calabria): stratigraphy, paleogeography and tectonic implications*. Riv. It. Pal. Strat., 101:301-324.

Lanzafame G., and Zuffa GG. **1976**. *Geologia e Petrografia del foglio Bisignano (Bacino del Crati, Calabria)*. Geologica Romana, Vol. XV:223-270.

Lanzafame G., Spadea P. and Tortorici L. **1979**. *Mesozoic ophiolites of northern Calabria and Lucanian Apennines (southern Italy)*. *Ofioliti*, 4:173-182.

Liberi, F., Morten, L., Piluso, E., **2006**. *Geodynamic significance of ophiolites within the Calabrian Arc*. *Island Arc* 15, 26-43.

Lister G.S. **1977**. *Discussion: crossed girdle c-axis fabrics in quartzites plastically deformed by plane strain and progressive simple shear*. *Tectonophysics* 39: 51-54.

Lister G.S. and Price G.P. **1978**. *Fabric development in a quartz-feldspar mylonite*. *Tectonophysics* 49:37-78.

Lorenzoni S. & Zanettin Lorenzoni E. **1975**. *The "granitic" unit of the Sila Piccola (Calabria, Italy). Its position and tectonic significance*. *N. Jb. Geol. Abh.*, 148, pp 233-251.

Lorenzoni S., Zanettin Lorenzoni E. **1983**. *Note illustrative della Carta Geologica della Sila alla scala 1:200.000*. *Mem. Sci. Geol. Padova*, 36:317-342.

Massonne H.-J., & Schreyer W. **1987**. *Phengite geobarometry based on the limiting assemblage with K-feldspar, plogophite and quartz*. *Contrib. Mineral. Petrol.*, 96, 212-224.

Matte P., **2001**: *The Variscan collage and orogeny (480-290 Ma) and the tectonic definition of the Armorica microplate: a review*, *Terra Nova* 13, 122-128.

Messina A., Compagnoni R., De Vivo B., Perrone V., Russo S., Barbieri M. and Scott A.B. **1991**. *Geological and Petrochemical study of the Sila Massif Plutonic rocks (Northern Calabria, Italy)*. *Boll. Soc. Geol. It.*, 110:165-210.

Messina A., Russo S., Borghi A., Colonna V., Compagnoni R., Caggianelli A., Fornelli A. and Piccarreta G. **1994**. *Il massiccio della Sila Settore Settentrionale dell'Arco Calabro-Peloritano*. *Boll. Soc. Geol. It.*, 113: 359-586.

Micheletti, F., Barbey, P., Fornelli, A., Piccarreta, G., Deloule, E., **2007**. *Latest Precambrian to Early Cambrian U–Pb zircon ages of augen gneisses from Calabria (Italy), with inference to the Alboran microplate in the evolution of the peri-Gondwana terranes*. *International Journal of Earth Sciences* 96, 843-860.

Ogniben, L., **1973**. *Schema geologico della Calabria in base ai dati odierni*. *Geologica Romana*, v. 12, p. 243-585.

Ortolano, G., Cirrincione, R., Pezzino, A., **2005**. *P-T evolution of Alpine metamorphism in the southern Aspromonte Massif (Calabria–Italy)*. *Swiss Bulletin of Mineralogy and Petrology* 85,31-56.

Paglione A. & Piccarreta G. **1976**. *Le unità del fiume Pomo e di Castagna nelle Serre settentrionali*. *Boll. Soc. Geol. Ital.*, 95, pp 27-37.

Passchier, C.W. **1982a**. *Mylonitic deformation in the Saint-Barthélemy Massif, France Pyrenees, with emphasis on the genetic relationship between ultramylonite and pseudotachylyte*. GUA Pap. Geol. Ser. 1 16:1-173.i.

Passchier, C.W. & Simpson C. **1986**. *Porphyroclast system as kinetic indicators*. Journal of Structural Geology, 8 n.8:831-843.

Passchier C. W. & R.A.J. Trouw **1996**. *Microtectonics*: Springer-Verlag, Berlin, 289 pp.

Passchier C.W. & R.A.J. Trouw. *Microtectonics* (Springer, Berlin, Heidelberg **2005**).

Piccarreta G. & Zirpoli G. **1970**. *Contributo alla conoscenza delle metamorfiti comprese fra Martirano e Falerna (Calabria)*. Boll. Soc. Geol. Ital., 89, pp 113-114.

Perrone V. **1996**. *Une nouvelle hypothèse sur la position paléogéographique et l'évolution tectonique des Unités de Verbicaro et de San Donato (region Calabro-Lucanienne; Italie): implications sur le limite Alpes-Appennines en Calabre*. C.R. Acad. Sci. Paris, 322: 877-884.

Pezzino, A., **1982**. *Confronti petrografici e strutturali tra i basamenti metamorfici delle unità inferiori dei Monti Peloritani (Sicilia)*. Periodico di Mineralogia 1, 35-50.

Pezzino, A., Pannucci, S., Puglisi, G., Atzori, P., Ioppolo, S., Lo Giudice, A., **1990**. *Geometry and metamorphic environment of the contact between the Aspromonte-Peloritani Unit (Upper Unit) and Madonna dei Polsi Unit (Lower Unit) in the central Aspromonte area (Calabria)*. Bollettino della Società Geologica Italiana 109, 455-469.

Piluso E., **1997**. *Evoluzione tettonometamorfica dell'Unità di Polia-Copanella nel settore settentrionale della catena Costiera Tirrenica Calabrese*. PhD Thesis, Università della Calabria, 232 pp.

Piluso E. and Morten L. **1999**. *Crust evolution from Variscan collapse to Tethyan opening inferred from the northern Calabria basement rocks, southern Italy*. Geophysical research abstracts, 1, (1):67.

Piluso E., Pancotti G. & Morten L. **1998**. *Microstructures in the crystalline basement rocks (Polia-Copanella unit) from the Catena Costiera, northern sector of the Calabrian Peloritan Arc, northwestern Calabria, southern Italy*. Petrogr. Acta, 41, pp 21-33.

Piluso E., Cirrincione R. & Morten L. **2000**. *Ophiolites of the Calabrian Peloritan Arc and their relationships with the crystalline basement (Catena Costiera and Sila Piccola, Calabria, Southern Italy)*. GLOM 2000 Excursion Guide-Book. Ofioliti, 25 (2), pp 117-140.

Piluso E. & Morten L. **2004**. *Hercynian high temperature granulites and migmatites from the Catena Costiera, northern Calabria, southern Italy*. Per. Mineral., 73, pp 159-172.

Platt J.P. and Compagnoni R. **1990**. *Alpine ductile deformation and metamorphism in a Calabrian basement nappe (Aspromonte south Italy)*. *Hecl. Geol. Helv.*, 83/1:41-58.

Powell R. and Holland T.J.B. **1988**. An internally consistent dataset with uncertainties and correlations.3. *Applications to geobarometry, worked examples and a computer program*. *J- Metamorphic Geol.* 6, 2,173-204.

Quitow H. W. **1935**. *Der Deckenbau des kalabrischen und seiner Randgebiete*. *Abh. Ges. Wiss. Gottingen, Mt. Phys. Kl.*, 3 (13), pp 63-179.

Richard, L.R., **1995**. *MinPet: Mineralogical and petrological data processing system, version 2.02*. MinPet Geological Software, Québec, Canada

Robinson P. R., Hollocher K.T., Tracy R. J and Dietsch C.W. **1982**. *High grade Acadian regional metamorphism in south-central Massachussets*. In: NEIGH 74th Annual Meeting of the State Geological and Nature History Survey of Connecticut, guidebook for fieldtrips in Connecticut and South-Central Massachussets (eds Joesten, R.A. & Quarrier, S.S.), 289-340- The Unoversity of Connecticut, Storrs.

Rosenbaum, G., Lister, G.S., Duboz C., **2002**. *Relative motions of Africa, Iberia and Europe during Alpine Orogeny*. *Tectonophysics*, 359, 117-129.

Rosenbaum, G., Lister, G.S., **2004**. *Neogene and Quaternary rollback evolution of the Tyrrhenian Sea, the Apennines, and the Sicilian Maghrebides*. *Tectonics* 23, TC1013, doi:10.1029/2003TC001518.

Rossetti F., Faccenna C., Goffè B., Patrick M., Argentieri A., Funicciello R. and Mattei M. **2001**. *Alpine structural and metamorphic signature of the Sila Piccola Massif nappe stack (Calabria, Italy): insights for the tectonic evolution of the Calabrian Arc*. *Tectonics*, 20,112-133.

Scandone P. **1979**. *Origin of the Tyrrhenian Sea and Calabrian Arc*. *Boll. Soc. Geol. It.*, 98, pp 27-34.

Scandone P. **1982**. *Structure and evolution of the Calabrian Arc*. *Earth Evol., Sci.*, 3:172-180.

Schenk V. **1980**. *U-Pb and Rb-Sr Radiometric Dates and their Correlation with Metamorphic Events in the Granulite-Facies Basement of the Serre, Southern Calabria (Italy)*. *Contrib. Mineral. Petrol.*, **73**, pp 23-38.

Schmid, S.M., Casey, M., **1986**. *Complete fabric analysis of some commonly observed quartz c-axis patterns*. In: Heard, H.C., Hobbs, B.E. (Eds.), *Mineral and Rock Deformation: Laboratory Studies (the Paterson Volume)*: American Geophysical Union Monograph, vol. 36, pp. 263–286.

Siivola J., Schmid R.A., **2007**. *Systematic nomenclature for metamorphic rocks: List of mineral abbreviations. Recommendations by the IUGS Subcommission on the Systematics of Metamorphic Rocks*. Recommendations, web version of 01.02.2007

Simpson C. **1986**. *Determination of movement sense in mylonites*. Journal of Geological Education, v.34, pp. 246-261.

Spadea P. **1980**. *Contributo alla conoscenza dei metabasalti ofiolitici della Calabria Settentrionale e centrale e del'Appennino Lucano*. Rend. Soc. It. Min e Petr., 35:251-276.

Spear F.S., **1993**. *Metamorphic phase equilibria and pressure-temperature-time paths*. Mineralogical Society of America Monograph, Washington DC.

Stampfli, G.M., Borel, G.D., Marchant, R. and Mosar, J., **2002**. *Western Alps geological constraints on Western Tethys reconstructions*. Journal of the Virtual Explorer, 8: 77-106

Stampfli, G.M., Borel, G.D., **2002**. *A Plate tectonic model for the Paleozoic and Mesozoic constrained by dynamic plate boundaries and restored synthetic oceanic isochrones*. Earth and Planetary Science Letters, 196:17-33.

Stöckhert B., & Duyster J., **1999**. *Discontinuous grain growth in recrystallised vein quartz-implications for grain boundary structure, grain boundary mobility, cristallographic preferred orientation and stress history*. Journal of Structural Geology, 21, 1477-1490.

Stuwe K. and Powell R. **1995**. *PT paths from modal proportions, Application to the Koralm Complex, Eastern Alps*. Contrib. Mineral. Petrol. 119-83-93.

Stuwe K., **1997**. *"Effective bulk composition" changes due to cooling: a model predicting complexities in retrograde reaction textures*. Contrib. Mineral. Petrol., 129, 43-52.

Thinkham D. & Ghent E. **2005**. *Estimating P-T conditions of garnet growth with isochemical phase-diagram sections and the problem of effective bulk-composition*. The Canadian Mineralogist Vol. 43, pp. 35-50.

Thomson, S.N., **1994**. *Fission track analysis of the crystalline basement rocks of the Calabrian Arc, southern Italy: evidence of Oligo-Miocene late-orogenic extension and erosion*. Tectonophysics 238, 331–35.

Thomson, S.N., **1998**. *Assessing the nature of tectonics contacts using fission-tracks thermochronology: an example from the Calabrian arc, southern Italy*. Terra Nova, 10:32-36.

Tortorici L. **1982**. *Lineamenti geologico-strutturali dell'Arco Calabro-Peloritano*. Rendiconti SIMP, 38, pp 927 – 940.

Tortorici L., Monaco C., Tansi C. and Cocina O. **1995**. *Recent and active tectonics in the Calabrian Arc (Southern Italy)*. Tectonophysics, 243:37-55.

Vai G.B. **1992**. *Il segmento Calabro-Peloritano dell'Orogene Ercinico*. Disaggregazione palinospastica, Boll. Soc. Geol. It., 111:109-129.

Vance D. and Mahar E. **1998**. *Pressure-Temperature paths from P-T pseudosections and zoned garnets: potential, limitations and example from the Zaskar Himalaya, NW India*. Contributions to Mineralogy and Petrology. 132: 225-245.

Von Raumer, J., Stampfli, G.M., Bussy, F., **2003**. *Gondwana derived microcontinents – the constituents of the Variscan and Alpine collisional orogens*. Tectonophysics 365, 7-22.

Xu G., Will T.M. and Powell R. **1994**. *A calculated petrogenetic grid for the system K₂O-FeO-MgO-Al₂O₃-SiO₂-H₂O with particular reference to contact-metamorphosed metapelites*. Journal of Metamorphic geology, 12: 99-119.