



# Mineralogical Society of Poland

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## MINERALOGICAL SOCIETY OF POLAND: NEW HONORARY MEMBERS

The Mineralogical Society of Poland (MSP) has recently awarded the title of Honorary Member of the Society to three prominent scientists in the mineral sciences: Professors Maria Borkowska-Łydka, Barbara Kwiecińska, and Anna Maliszewska.



Professor Maria Borkowska-Łydka. PHOTO BY A. WILAMOWSKI

**Maria Borkowska-Łydka**, professor emeritus of the Polish Academy of Sciences (PAS), Warsaw, is a leading Polish petrologist who is well known for her long and fruitful career as the director of the Institute of Geological Sciences, PAS, and much liked by her colleagues for her friendly personality. Her scientific interests center on the genesis of granitoid rocks and on the formation and evolution of granite magmas. Her petrological studies on the granitoid massifs of the Sudetes (southwest Poland, Central European Variscides), which had been studied half a century earlier by Hans Cloos, have shed new light on Variscan

magmatism and significantly influenced the European "granite school." Her monograph on the Karkonosze Granite (including original and pioneering contributions to the chemistry and structure of feldspars as petrogenetic indicators) is still highly regarded and widely quoted.

Professor Borkowska is also well known among Polish students in the Earth sciences for her excellent handbook (coauthored by Kazimierz Smulikowski), *Rock-Forming Minerals*.

In 1968, Professor Borkowska was among the founders of the Mineralogical Society of Poland. Earlier, she had become a member of the Société Française de Minéralogie et de Cristallographie. During the period when Central European countries were politically isolated, her close links with the French mineralogical community were important for the introduction of modern, international research trends. In recognition of her scientific achievements and international reputation, she was nominated as the scientific secretary of PAS and as a member of the Scientific Council of PAS in Paris. Throughout her career, Professor Borkowska has contributed greatly to the promotion of mineral sciences in society. Her professional activities and outstanding scientific achievements justify her place among the Honorary Members of MSP.



Professor Barbara Kwiecińska. PHOTO BY A. GALUSZKA

**Barbara Kwiecińska**, professor emeritus of the AGH University of Science and Technology, Kraków, is an internationally recognized expert in coal petrology. She has published over 150 research papers and four monographs, nearly all devoted to the various types of coal and related organic matter. Her habilitation thesis characterized the numerous structural forms of the hexagonal and orthorhombic polymorphs of natural graphite, which represented various metamorphic facies in deposits around the world.

Professor Kwiecińska has collaborated with many research teams from academic centers worldwide: Newcastle University, Newcastle upon Tyne; INCAR-CSIC Oviedo; the Michigan Technological University (USA); the Geological Survey of Denmark and

Greenland, Copenhagen; and the High Mining School Ostrava (Czech Republic). She also participated in the IGCP Project "Organics in Major Environmental Issues."

Professor Kwiecińska has been a member of the International Committee for Coal and Organic Petrology (ICCP) since 1970, a vice president of this committee from 1995 to 2003, and a honorary member since 2007. She has coorganized and participated in ICCP conferences in many countries. For many years, she was secretary of the scientific board of *Mineralogia Polonica* (now *Mineralogia*). For 25 years beginning in 1977, she was a member of the editorial board of the *International Journal of Coal Geology*. She initiated the Coal Petrology Group of the Polish Geological Society and was a member of the Committee on Mineralogy and the Committee on Geology of PAS. She was a meritorious teacher and she coauthored several academic textbooks.

Professor Barbara Kwiecińska joined the MSP at its very beginning. She has always been a very active and enthusiastic member of the MSP, beloved by colleagues and students.



Professor Anna Maliszewska. PHOTO BY A. KOZŁOWSKA

**Anna Maliszewska**, professor emeritus of the Polish Geological Institute (PGI) – National Research Institute, is a well-known specialist in the fields of petrology, mineralogy, and geochemistry. For more than 50 years, Professor Anna Maliszewska was employed by the PGI in Warsaw. In her professional career, she worked mainly on sedimentary and volcanic rocks ranging in age from Precambrian to Quaternary. She has published ten monographs and books (including the popular *Petrographic Dictionary*, coauthored by Waclaw Ryka), 63 reviewed papers, and 75 short papers and abstracts. Most of Professor Maliszewska's

scientific work has involved detailed petrological studies, which have been important in the analysis of sedimentary basins and the reconstruction of diagenetic processes. Her wide-ranging scientific activities have had practical applications in prospecting and mineral and rock exploitation. An important theme of her studies was the mineralogy and geochemistry of soils. She studied soils in Poland and in many other regions of the world (Argentina, Finland, Mongolia, Germany, Syria, and Iraq). Professor Maliszewska created a research group of sedimentary petrologists at the PGI. She also led a Polish–German cooperative project to develop a methodology for mineralogical and petrological studies in sedimentary rocks.

Professor Anna Maliszewska was a founding member and, for decades, an active member of the MSP. From 1970 to 1978, she was the secretary of the Warsaw branch of the Society. Later, she became a member of the Board and vice-president of the branch. From 2005 to 2009, Professor Maliszewska was the president of the Warsaw branch and a member of the Board of the MSP. At present, she continues to act as a member of the Board of the Warsaw branch.

A characteristic common to our new Honorary Members, apart from their scientific achievements and their impressive numbers of high-quality publications, is their ability to attract and inspire people, thus drawing them into the large mineralogical family. This has always been most important for the development of the mineral sciences in our country.

**R. Kryza, E. Słaby, K. Jarmolowicz-Szulc,  
A. Manecki, M. Michalik**  
Members of the Board, MSP