

## **Minutes of the Minerals Subcommittee Wednesday, 12 March 2008**

The chairperson, Christina Hoffmann, was absent from the meeting.  
Scott Speakman filled in as chair of the session.  
Minutes were recorded by Sue Quick.

Motion 1: The March 2007 Meeting Minutes were approved.

BoD Liaison reported on favorable actions by the BoD in response to 2007 motions.

Report of the Mineral Task Group by Andrew Roberts.

The Task Group met in June, and evaluated 80 new patterns, and updated mineral names imported from the ICSD and LPF databases.

Motion 2: The Minerals Subcommittee recommends to the Technical Committee that up to \$5,000 to cover expenses for the Minerals Task Group to meet at least once in FY 08/09, be approved.

Scott Speakman moved.  
Seconded by Andrew Roberts.  
Approved by vote 8-0-0

### New Business

Motion 3: The Minerals Subcommittee recommends to the Technical Committee that Schaller adjectives (*currently used in the PDF*) be replaced by the IMA approved chemical adjective modifiers.

Peter Bayliss moved.  
Seconded by Andrew Roberts.  
Approved by vote 8-0-0

Discussion: IMA and IUPAC have approved a new, more clear, nomenclature for chemical adjective modifiers. Recommend that the PDF editorial board implement this change in the PDF.

Motion 4: The Minerals Subcommittee recommends to the Technical Committee that a full stop be placed after "syn" in the mineral name as the abbreviation of synthetic.

Peter Bayliss moved.  
Seconded by Andrew Roberts.  
Motion defeated by vote 1-6-0

This motion was heavily discussed. It was clarified that for geologists, having a clear designation to distinguish natural and synthetic, mineral-analogous, materials is helpful. The text in the name is useful in addition to the already existing synthetic flag.

Discussion: Is it better, for use of PDF, to list these as "syn", "syn.", or "synthetic?" Discussion considered that synthetic might be better than abbreviation, but might be unwieldy in print publication.

An alternative motion was made.

Motion 5: The Minerals Subcommittee recommends to the Technical Committee that the PDF editorial staff consider the designation "syn" attached after mineral name to indicate synthetic, and consider a change to the most clear and consistent manner to include this designation in the electronic and print publications

Scott Speakman moved.  
Seconded by Peter Bayliss.  
Approved by vote 10-0-0

Motion 6: The Minerals Subcommittee recommends to the Technical Committee that a space be created for a structure-type field based upon the symbols used in the group index to indicate coordination

Discussion: For geologists, a coordinate designation system exists and is approved for providing useful information, similar, but different from the structure type field used for metal and alloy entries in the PDF.

Peter Bayliss moved.  
Seconded by Andrew Roberts.  
Approved by vote 6-0-4

Motion 7: The Minerals Subcommittee recommends to the Technical Committee that the field for cut-off in the database be removed.

Peter Bayliss moved.  
Seconded by Andrew Roberts.

After discussion, considering that this entry was useful for other subfiles and nothing would be gained from eliminating it from the database, this motion was withdrawn by Peter Bayliss.

Meeting was adjourned.