

**Minerals Subcommittee Meeting Minutes**  
**19 March 2014**

1. Call to Order – The Minerals Subcommittee Meeting was called to order at 2:02 p.m. on Wednesday, 19 March 2014, by Chair J. Kaduk.
2. Appointment of Minutes Secretary – S. Quick was appointed secretary.
3. Approval of March 2013 minutes – P. Wallace moved that the minutes be accepted and A. Roberts seconded. Motion carried.
4. Review of Mission Statement – The mission statement for Minerals was posted, no changes were proposed.
5. Board of Directors' Liaison Report – S. Mixture reported the following update on the motions from March 2013:
  - The 2013 motion to allocate funds for Mineral Task group was approved.
  - The assignment of mineral classifications is progressing. A task group will randomly check the assignments.
  - The search on multiple space groups is on the list for additional functions in the software, but at lower priority. They are currently looking at an electronic version of the table.
  - The search on subcells and supercells is also on the list for additional functions in the software, but also at low priority.
6. Report from Mineral Task Group and other Info: A. Roberts reported that the Minerals task group met by conference on 10 September 2013 approving 119 new minerals for the experimental file. A. Roberts also announced the release of a new Fleischer Glossary of Mineral Species. Upon reviewing this glossary A. Roberts submitted corrections and additions for the 2015 release of the ICDD database. A. Roberts commented that amphiboles are a problem and recommended inviting an expert from Italy to a meeting. The pyrochlore supergroup also needs additional work.
7. New Business
  - a. Task Group Support

**Motion 1: The Minerals Subcommittee recommends to the Technical Committee that as much as \$5000 be allocated to cover expenses for the Minerals Task Group to meet at least once in FY 2014/2015.**

Moved by M. Leoni and seconded by A. Roberts.  
Motion passed 10-0-1 with A. Roberts abstaining by name.
  - b. Mineral Group Classification for calculated patterns

J. Kaduk presented some examples on searching the database by mineral names and by matching the patterns
  - c. ANX assignment for ICDD patterns

The ANX formula type could be another powerful search tool; however, formula types are not currently assigned to many entries.

**Motion 2: That ANX designations be assigned automatically to ICDD entries.**

Moved by J. Kaduk and seconded by S. Mixture.  
Motion passed 12-0-0.

P. Wallace commented that searching on mineral names can be confusing because the results may not be materials with the same structure. Using the Pearson Symbol would aid in maintaining the same structure.
8. The meeting was adjourned at 2:55 p.m.

