

# Commission on New Minerals, Nomenclature and Classification

## 2012 Report to IMA Council

August 1, 2010

(Prepared by IMA Council Correspondent, Joel Grice in conjunction with Stuart Mills CNMNC Secretary)

### Officers and Members:

*Chairman:* Peter Williams (University of Western Sydney)

*Secretary:* Stuart Mills (Museum Victoria)

*Vice-Chairman:* Frédéric Hatert (University of Liege)

*Vice-Chairman:* Marco Pasero (University of Pisa)

The CNMNC remains incredibly active and has surpassed all records in terms of activity over the past 12 months. In the past year a large number of new minerals and nomenclature proposals have been approved by the Commission including important additions such as the amphibole, garnet and hydrotalcite reports.

### Activities:

1. In 2011, separate 117 proposals went to the vote. Of these, 3 were rejected and two were approved as polytypes of the same species. Thus 113 were approved as new minerals. In 2012, by the time the Frankfurt meeting will take place, 62 proposals will have been sent to the vote. So far, to the end of June, 30 of these have been approved. The remainder are either under voting or will have been dealt with by the end of this week (a further 11 of them).
2. Discreditations: Several minerals were discredited in the nomenclature reports tabled below.
3. Renamings: ericssonite and orthoericssonite to ericssonite-2M and ericssonite-2O; phosphovanadylite to phosphovanadylite-Ba; cerchiaraitite to cerchiaraitite-(Mn); the apophyllite group.
4. Redefinitions: brunogeierite; matulaite; plumbonacrite; oxy-vanadium-dravite.
5. Nomenclature of mineral groups:
  - (a) The heteropolymolybdate family; nomenclature passed, awaiting publication;
  - (b) Hollandite supergroup; nomenclature passed, awaiting publication;
  - (d) Garnet supergroup; nomenclature passed, awaiting publication;
  - (e) Hydrotalcite supergroup; nomenclature passed, awaiting publication;
  - (f) Amphibole supergroup; nomenclature passed, awaiting publication.
6. A new master IMA list has been prepared and is waiting validation by the CNMNC before it is posted on the website.

### Major changes to CNMNC procedures:

New CNMNC guidelines for the use of suffixes and prefixes in mineral nomenclature, and for the preservation of historical names was approved in July.