Reviewer's report

Title: Cameroonian medicinal plants: a bioactivity versus ethnobotanical survey and chemotaxonomic classification

Version: 2 Date: 28 March 2013

Reviewer: Long Chunlin

Reviewer's report:

The manuscript cannot be accepted for publication at the current condition, unless the authors revise the manuscript majorly.

1) Medicinal plants are a complex of species from different groups (genera or families). They are, unlike those from a genus or a family or an upper taxon, not suitable to be used for discussing taxonomic issues. The authors should be very careful when talking about chemotaxonomy of medicinal plants from phylogenically different groups. The similarities or differences of chemical components from different medicinal plants are related to their systematic positions, but not accurately. The authors should modify some paragraphs and sentences so as to talk the chemotaxonomic issues more flexibly and scientifically.

2) Reference numbered 43 was not published yet. It cannot be listed in the references.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

No