

## Studies on Adulteration and Misusage of Marketed *Akebiae caulis*

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### ABSTRACT

The sources of Mutong crude drugs are mainly the stems of *Akebia quinata* Decaisne of the Lardizabalaceae family, *Aistolochia manshuriensis* Komarov of the Aristolochiaceae family, and other closely related plants. In this study, we purchased fifty Mutong samples from Chinese herbal stores in Taipei, Taichung and Kaohsiung area, and collected *Akebia quinata* Decaisne, *Akebia longeracemosa* Matsum., *Aistolochia manshuriensis* Komarov and *Clematis gouriana* Roxb. ex DC., as the authentic materials. Samples were compared with the authentic materials, their characteristics were identified by morphology and microscopy.

The results showed that forty-two samples were *Aistolochia manshuriensis* Komarov and eight were *Clematis gouriana* Roxb. ex DC.

Key words: *Akebiae caulis*, Mutong, adulteration.

