

# 令和元年度「日本薬局方の試験法等に関する研究」研究報告 日本薬局方収載生薬の基原植物の学名と植物分類学で用いられる 学名の比較<sup>\*4</sup>

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Verification in the Scientific Names of the Plants Used for the Crude Drugs Listed in the 17th Japanese Pharmacopoeia Compared with Those Used in Plant Taxonomy<sup>\*4</sup>

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## Summary

The scientific names of plants used for crude drugs in the 17th Japanese Pharmacopoeia (JP17) are in accordance with the modified Engler System (1964), and thus they frequently differ from the names based on the Angiosperm Phylogeny Group (APG) System. This may lead to confusion and misunderstandings among the public, who may often access the internet to get herbal information from websites. Therefore, there is an urgent need to review the scientific plant names listed in JP17 with reference to the APG System.

We previously reported differences of plant names in JP17 compared to those currently used in plant taxonomy. We then discussed our findings with taxonomists, studied their opinions from a pharmacognostical viewpoint, and drafted an amendment of plant names in the revised JP17. In this list, the scientific names of plants are mainly based on the International Plant Name Index (IPNI), and are shown according to the International Code of Nomenclature for algae, fungi, and plants. We expect that this change will be helpful to researchers and all stakeholders, and also contribute to the compatibility and consistency of global pharmacopoeias.

## Key words

Scientific name, Crude drug, The Japanese Pharmacopoeia, Plant taxonomy