Equine Medicine in Traditional Thai Medical Texts: A Compendium of Herbal Therapeutics

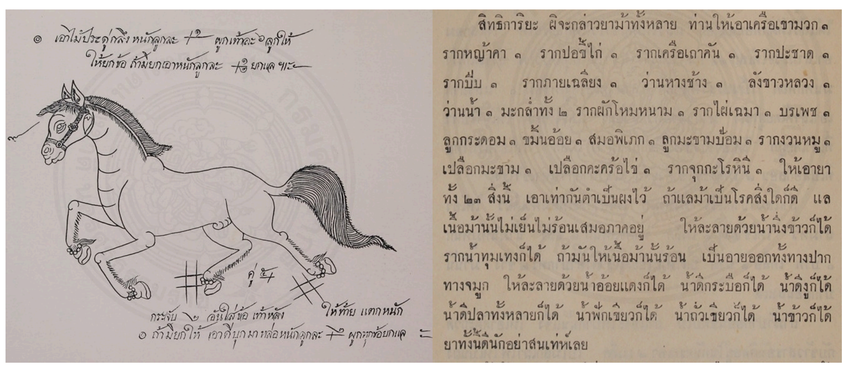
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Abstract

Horses have long been of significant importance to Thailand's economy, sports, and medical sectors. However, contemporary equine healthcare relies predominantly on modern veterinary medicine, which tends to focus on symptom-based treatment rather than holistic health management. In addition, specialized veterinary drugs are costly and largely dependent on importation from foreign sources, resulting in a considerable financial burden for horse owners. This study aims to collect and systematically compile traditional Thai equine medicinal texts and to develop them into an academic database. This research employs a documentary research approach by collecting ancient manuscripts related to equine treatment. Herbal names recorded in these texts were examined and compared with contemporary Thai herbal databases in order to identify their scientific names, classify them according to botanical taxonomy, and document the plant parts used and their medicinal properties. The therapeutic potential of equine remedies was analyzed through comparative assessment of recorded herbal properties against established herbal databases and traditional Thai pharmaceutical literature.The results indicate that the collected formulations primarily target diseases of the respiratory system, gastrointestinal system, and musculoskeletal system, which are among the most commonly encountered health problems in horses. A total of 19 formulations were analyzed and evaluated as having potential therapeutic applicability, involving 61 medicinal plant species. The analysis suggests possible anti-inflammatory, antimicrobial, and restorative effects. Furthermore, linguistic evidence reflecting the influence of Lanna medical knowledge on traditional equine medicine was identified. This study provides an important foundation for further research in traditional Thai veterinary medicine, contributes to the historical study of veterinary practices, and supports the development of holistic alternatives for equine healthcare in the future.

Introduction

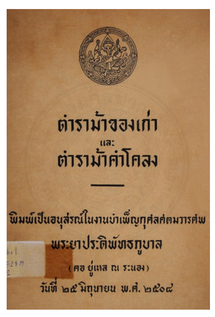
Historically, Thailand possessed indigenous knowledge of traditional equine medicine, known as the knowledge of horse doctors, yet this body of knowledge has not been systematically collected or studied in an academic framework.



This study aims to compile and analyze traditional Thai equine medicinal texts and to establish an academic database of herbal formulations as a foundation for further research in traditional veterinary medicine and holistic equine healthcare.

Methods

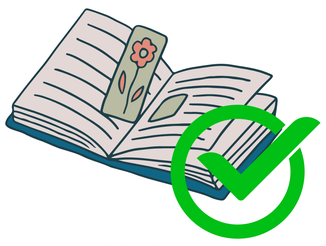
1. **Collect ancient medicinal books**



2. **Read, analyze, and select medicinal prescriptions for horse**



3. **Verify and classify the taxonomy of medicinal plants**



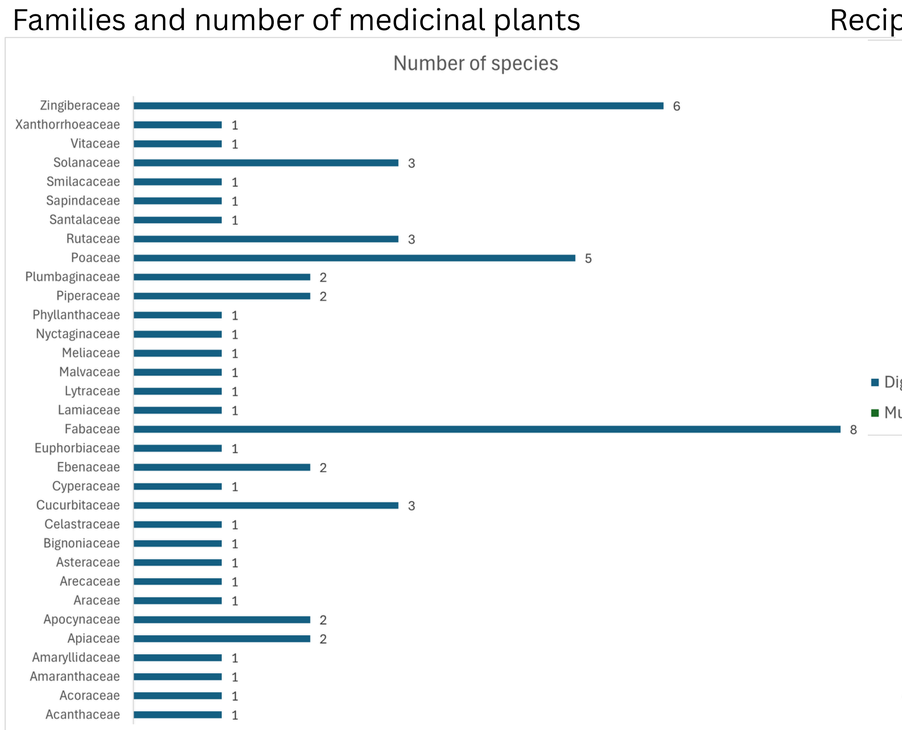
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- disthai.com
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4. **Record the verified and analyzed data**

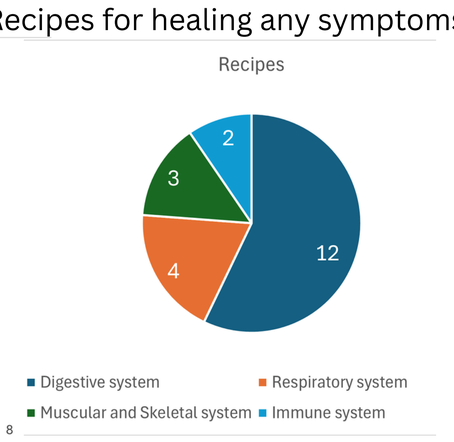


Results

Families and number of medicinal plants



Recipes for healing any symptoms





Eupatorium fortunei



Peltophorum pterocarpum



Sapindus rarak



Curcuma aromatic



Dactyloctenium aegyptium



Cyperus rotundus



Imperata cylindrica



Millingtonia hortensis



Glycosmis pentaphylla



Citrus aurantifolia



Solanum erianthum

Conclusion

A total of 19 formulations were analyzed and evaluated as having potential therapeutic applicability, involving 61 medicinal plant species.

Acknowledgement

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References