

การศึกษาทางเภสัชเวทของอังกาบ เสดดพังพอน อังกาบหนู และ สังกกรณี



นางสาวนุปผาชาติ นิระ

006844

วิทยานิพนธ์นี้เป็นส่วนหนึ่งของการศึกษาคตามหลักสูตรปริญญา เภสัชศาสตรมหาบัณฑิต

ภาควิชาเภสัชเวท

บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย

พ.ศ. ๒๕๒๔

I116054076

THE PHARMACOGNOSTICAL STUDY OF
BARLERIA CRISTATA, BARLERIA LUPULINA,
BARLERIA PRIONITIS AND BARLERIA STRIGOSA

Miss Bubpachart Nira

A Thesis Submitted in Partial Fulfillment of the Requirements
for the Degree of Master of Science in Pharmacy

Department of Pharmacognosy

Graduate School

Chulalongkorn University

1981

Thesis Title The Pharmacognostical Study of Barleria Cristata,
Barleria Lupulina, Barleria Prionitis and
Barleria Strigosa
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ชื่อนิสิต	นางสาวนุปผาชาติ นิระ
อาจารย์ที่ปรึกษา	ผู้ช่วยศาสตราจารย์ บำรุง ตันติเสวี ผู้ช่วยศาสตราจารย์ กัลยา ภราไทย
ภาควิชา	เภสัชเวท
ปีการศึกษา	๒๕๒๔



บทคัดย่อ

อังกาบ เสดดพังพอน อังกาบหนู และ สังกกรณี เป็นพืชสมุนไพรในตระกูล *Barleria* (Family Acanthaceae) ซึ่งในตำรายาพื้นบ้านได้มีการนำพืชสมุนไพรดังกล่าวมาใช้บำบัดโรคภัยไข้เจ็บหลายชนิดอย่างกว้างขวาง

ผู้วิจัยได้ทำการศึกษาเกี่ยวกับลักษณะภายนอกของพืชที่เห็นได้ด้วยตาเปล่า ลักษณะที่มองเห็นด้วยกล้องจุลทรรศน์ การหาค่าคงที่จากใบ รวมทั้งการตรวจหากระบวนรงค์เลข (Chromatographic Patterns) ขององค์ประกอบทางเคมีของใบ เพื่อเป็นแนวทางในการตรวจเอกลักษณ์ของพืชสมุนไพรแต่ละชนิดดังกล่าว

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ABSTRACT

Angkaap, Salet phangphon, Angkaap nuu and Sangkoranee are indigenous drugs which have long favourable reputation in the treatment of widely different ailments. The plants have been identified as *Barleria cristata* Linn., *Barleria lupulina* Lindl., *Barleria prionitis* Linn. and *Barleria strigosa* Willd. respectively (Acanthaceae).

A detailed study has been carried out on the macroscopic and microscopic characters of the plants, quantitative values of leaf, and chromatographic patterns of chemical constituents of leaf with a view to bring out the diagnostic characters of the drugs.



ACKNOWLEDGEMENTS

The author is indebted and grateful to her advisors, Assistant Professor Bamrung Tantisewie, Head of the Department of Pharmacognosy, Chulalongkorn University Faculty of Pharmaceutical Sciences, and Assistant Professor Kalaya Pharadai, for their guidances, suggestions and encouragement throughout the course of this study.

A deep sense of gratitude is expressed to Professor Dr. Vichiara Jirawongse, the former Head of the Department of Pharmacognosy, Chulalongkorn University Faculty of Pharmaceutical Sciences, for his valuable suggestions throughout the process of study, and also for his corrections of this thesis.

The author wishes to express her grateful thanks to Professor Dr. Payom Tantivatana, Head of the Department of Pharmaceutical Botany, Chulalongkorn University Faculty of Pharmaceutical Sciences, for her useful suggestions.

The author is also grateful to Associate Professor Dr. Dhavadee Ponglux, the former Head of the Department of Pharmacognosy, Chulalongkorn University Faculty of Pharmaceutical Sciences, for her useful suggestions.

Thanks are also expressed to all staff members of the Department of Pharmacognosy and the Department of Pharmaceutical Botany who gave her supports for carrying out this study.

Finally, the author would like to dedicate this work and express her thanks to whom in one way or another helped her to carry out this work a reality.

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