

CHAPTER V

CONCLUSION

Comparison on Morphology and Chemical Compounds
between Pueraria mirifica Airy Shaw et Suvatabandhu and
Butea superba Roxb.

Similarities

Plant	Woody climbing plant
Leaf	3-foliolate leaf
Root	tuberous with starch granules
Chemical Compounds	steroidal

Differences

	<u>Pueraria mirifica</u>	<u>Butea superba</u>
Leaf		
Texture	membranous	coriaceous
Size	smaller	larger
Trichomes	soft epidermal trichomes	without trichomes
Apex	acute	retuse
Root		
Shape	roundish, or ellipsoid	cylindrical, tapering
Sap	whitish	reddish

	<u>Pueraria mirifica</u>	<u>Butea superba</u>
Pulp	white	yellowish which turn brown soon after cutting
Lumen	with lumen	without lumen
Starch granules	smaller	larger
Chemical Compounds	difference in chromatographic patterns	