

Abstract

Project Code : MRG5380205

Project Title : Systematics of *Emilia*, *Erechtites*, *Senecio*, *Sinosenecio* and *Synotis*
(Senecioneae: Asteraceae) in Thailand

Investigator : Ongkarn Vanijajiva

E-mail Address : vanijajiva@pnru.ac.th

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Abstract:

This report aims to study systematics of *Emilia*, *Erechtites*, *Senecio*, *Sinosenecio* and *Synotis* including its distribution and ecology in Thailand. As a first result, seventeen species have been described and recorded; three species of *Emilia* namely *E. prenanthoidea*, *E. sonchifolia* and *E. khaopawtaensis*, two species of *Erechtites* namely *E. hieraciifolius* and *E. valerianifolius*, seven species of *Senecio* namely *S. ramosus*, *S. boluangensis*, *S. obtusatus*, *S. wightii*, *S. craibianus*, *S. namnaoensis* and *S. scandens*, one species of *Sinosenecio* namely, *S. oldhamianus* and four species of *Synotis* namely *S. cappa*, *S. nagensium*, *S. triligulata* and *S. phupeakensis*. The study provides identification key to species based on flowering, fruiting materials and morphological characteristics of plants. Full descriptions of species, including the distribution range, ecology, vernacular names and map of distribution of individual species.

Keywords: *Emilia*, *Erechtites*, *Senecio*, *Sinosenecio*, *Synotis*, Thailand