

B5_019_PA: DIVERSITY OF LICHENS GENUS *Artonia* IN MANGROVE FOREST OF EASTERN THAILAND

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Abstract: *Arthonia* is crustose lichens in family Arthoniaceae. It has been reported 11 species found in Thailand. This study aimed to study diversity to fill the data gap for the lichen distribution in Thailand. Two hundred and forty-six lichen specimens were collected from mangrove forests of Chachoengsao, Chon Buri, Rayong, Chanthaburi, and Trat province during November 2010 - March 2016. They were identified as 9 species according to the taxonomy principle as *Arthonia catenatula* Nyl., *A. collectiva* Stirt., *A. ilicina* Taylor, *A. punctiformis* Ach., *A. rubella* (Fée) Nyl., *A. simplicascens* Nyl., *A. subgyrosa* Nyl., *A. trilocularis* Müll. Arg., and *A. varia* (Ach.) Nyl. However, *A. collectiva* Stirt., *A. subgyrosa* Nyl.; *A. punctiformis* Ach., *A. rubella* (Fée) Nyl.; and *A. trilocularis* Müll. Arg. were only found in Chachoengsao, Rayong, and Chanthaburi province, respectively. While *A. varia* (Ach.) Nyl. was the most common species in this study areas where found in 4 provinces such as Chachoengsao, Chon Buri, Rayong, and Chanthaburi.