

ลำดับชั้นหินเชิงชีวภาพของหมวดหินตากฟ้า โดยการอ้างอิงซากดึกดำบรรพ์ฟอสซิลชนิด
บริเวณเขาวงและเขาจ๊กจั่น อำเภอหนองม่วง จังหวัดลพบุรี



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จุฬาลงกรณ์มหาวิทยาลัย

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BIOSTRATIGRAPHY OF TAK FA FORMATION
AT KHAO WONG AND KHAO CHAKKACHAN, AMPHOE NONG MUANG,
CHANGWAT LOP BURI WITH REFERENCE TO FUSULINIDS



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การทำวิจัยในครั้งนี้มีจุดประสงค์เพื่อจำแนกชนิดซากดึกดำบรรพ์ฟิวซูลินิดบริเวณเขาวง
 และเขาจ๊กจั่น ในเขตอำเภอหนองม่วง จังหวัดลพบุรี และจัดลำดับชั้นหินในบริเวณดังกล่าวโดยใช้
 ชนิดซากดึกดำบรรพ์ฟิวซูลินิดประกอบกับลักษณะทางธรณีวิทยาเป็นเกณฑ์ในการจัดทำ อีกทั้งเพื่อ
 ระบุอายุของหินในพื้นที่ศึกษา

ผลของการศึกษาพบซากดึกดำบรรพ์ฟิวซูลินิดจำนวน 13 ชนิด ใน 9 สกุล 4 วงศ์ ได้แก่
Neofusulinella lantenoisi Deprat, *Neofusulinella* cf. *saraburiensis* Toriyama, Kanmera, and
 Ingavat, *Chusenella* cf. *schwagerinaeformis* Sheng, *Parafusulina gigantea* (Deprat),
Parafusulina loeyensis Pitakpaivan, *Parafusulina* sp.A Dunbar and Skinner,
Pseudofusulina sp. Dunbar and Skinner, *Verbeekina verbeeki* (Geinitz), *Metadoliolina*
nongmuangensis sp. nov., *Pseudodoliolina pseudolepida* (Deprat), *Colania douvillei*
 (Ozawa), *Sumatrina annae* (Volz) และ *Sumatrina* cf. *longissima* Deprat สามารถจัดแบ่ง
 ลำดับชั้นหินเชิงชีวภาพของหมวดหินตากฟ้าในบริเวณพื้นที่ศึกษาได้ทั้งสิ้น 5 หน่วยหินทางชีวภาพ
 (biozone) โดยบริเวณเขาวงแบ่งออกได้ 3 หน่วยหิน ได้แก่ *Colania douvillei* zone,
Metadoliolina nongmuangensis zone และ Fusulinid barren zone ขณะที่บริเวณเขาจ๊กจั่นแบ่ง
 ออกได้ 2 หน่วยหิน ได้แก่ *Pseudodoliolina pseudolepida* - *Neofusulinella lantenoisi* zone
 และ *Parafusulina gigantea* – *Parafusulina loeyensis* zone ซากดึกดำบรรพ์ฟิวซูลินิดที่พบบ่ง
 บอกอายุตอนกลางของกลางยุคเพอร์เมียน ถึงตอนปลายของกลางยุคเพอร์เมียน

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TATIYA JAIBOON : BIOSTRATIGRAPHY OF TAK FA FORMATION AT KHAO WONG
AND KHAO CHAKKACHAN, AMPHOE NONG MUANG, CHANGWAT LOP BURI WITH
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The purposes of this study are to identify the species of fusulinids and to study biostratigraphy and determine age of rock by using the fusulinids in the area of Khao Wong and Khao Chakkachan, Amphoe Nong Muang, Changwat Lop Buri.

The fusulinids found in the investigated area belong to 13 species of 9 genera 4 families : *Neofusulina lantenoisi* Deprat, *Neofusulinella* cf. *saraburiensis* Toriyama, Kanmera, and Ingavat, *Chusenella* cf. *schwagerinaeformis* Sheng, *Parafusulina gigantea* (Deprat), *Parafusulina loeyensis* Pitakpaivan, *Parafusulina* sp. A. Dunbar and Skinner, *Pseudofusulina* sp. Dunbar and Skinner, *Verbeekina verbeeki* (Geinitz), *Metadoliolina nongmuangensis* sp. nov., *Pseudodoliolina pseudolepida* (Deprat), *Colania douvillei* (Ozawa), *Sumairina annae* (Volz), and *Sumatrina* cf. *longissima* Deprat. Five biozones were recognized biostratigraphic zones : *Pseudodoliolina pseudolepida* - *Neofusulinella lantenoisi* zone, *Parafusulina gigantea* - *Parafusulina loeyensis* zone, *Colania douvillei* zone, *Metadoliolina nongmuangensis* zone, and Fusulinid barren zone. The age of Tak Fa formation at the Khao Wong and Khao Chakkachan areas is Middle Wordian to Middle Capitanian.

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