

Myanmar Academy of Arts and Science

**JOURNAL OF THE
MYANMAR ACADEMY OF
ARTS AND SCIENCE**



Geology and Geography

Vol. XVII, No.5, August, 2019

Myanmar Academy of Arts and Science

Journal of the Myanmar Academy of Arts and Science

Vol. XVII, No.5

Contents

Section (i) Geology

<u>Sr. No.</u>	<u>Title</u>	<u>Page</u>
1	Aung Zaw Myint , *Mineralogical and geochemical constraints on the genesis of granite-related W-Sn-Mo mineralization in Padatgyaung-Myinmahti area, east of Nay Pyi Taw, central Myanmar	1
2	Than Soe Hlaing , Microfacies and Depositional Environment of the Thitsipin Limestone Formation Exposed in the Hti Ta Hkaw Area, Taunggyi Township, Southern Shan State	19
3	Yin Min Htwe , Silurian Rocks in the Kyauktap Area, Shan State (South): Their Sedimentation Style and Depositional Processes	31
4	Khaing Khaing San , Stratigraphic Paleontology of the Middle Devonian Unit in Hsipaw Area, northern Shan State	47
5	Zar Ni Swe , Permian Unit exposed in the Hopang Area, Wa Self-Administered Division, Northern Shan State, Myanmar	67
6	Aung Tay Zar , Characteristics of Gold Deposits in the Mogok Belt: Case Studies on Zayetkwin-Kwinthc and Phayaung Taung Areas, Mandalay Region, Myanmar	81
7	Khin Thuzar Min , Petrography and Petrogenesis of Metamorphic Rocks Exposed at Mogaunggyi Area, Singu Township, Mandalay Region	107
8	Ohnmar Soe Yin , Permian Biotic Association from the Moulmein Limestone in Pawtaw Taung, Hpa-an Township, Kayin State	123
9	Aung Kyaw Myat , Study on Speleothems from Geoheritage sites of the Limestone Caves at the Hpa-an Township, Kayin State, Myanmar	137
10	Aye Aye Han , Microfacies Analysis of Silurian Carbonate Rocks in the Area Between Yatsawk and Bawsaing, Shan State (South)	165

<u>Sr. No.</u>	<u>Title</u>	<u>Page</u>
11	Thida Than, Lithofacies and depositional environment of Okhmintaung Formation in Kyun Chaung Area, Pakokku District, Magway Region, Myanmar	179
12	Khin Hnin Swe, Facies Analysis of Pyawbwe Formation Exposed at Pyawbwe - Minhlagyin Area, Minbu District, Magway Region, Myanmar	191
13	Hayman Thawtar Nyein, Mineralogy of the Metasedimentary Rocks of Pin-le-in and Nyaung-ok Area, Madaya Township, Mandalay Region, Myanmar	215
14	Khaing Khaing Thet Lwin, Petrographic Descriptions of Mesozoic Igneous Rocks in Zingyaik Area, Paung Township, Mon State	235
15	Tun Naing Zaw, Preliminary Studies on Subsidence in Bagan - Nyaung Oo Area, Mandalay Region	251
16	Su Su Khine, Petrology, Radiometric Dating and Economic Aspects of Granitoid rocks in NwalaboTaung area, Paung Township, Mon State	283
17	Su Su Kyi, The analysis of engineering properties of soils facilitating the mechanism of landslides in Hakha area, Chin State, Myanmar	299
18	Aye Pyae Phyo, Petrological and geochemical studies of granite hosted W-Sn deposit in Tagu Taung area, Tanintharyi Region	311

Section (ii) Geography

<u>Sr. No.</u>	<u>Title</u>	<u>Page</u>
1	Min Min Aye Than, * A Geographical Analysis on Distribution of Markets in Sittway Township	331
2	Tin Tin Khine, Effect of Paddy Cultivation on Economy of Ngaputaw Township, Ayeyarwady Region	355
3	San San Khine, An Environmental Approach: Impact of Channel Bank Change of Sittaung River in Kawa Township	369
4	Ohnmar Myat Htoo, Betel Leaf and Betel Quid Shop: Economic Activities of Pantanaw Township, Ayeyarwady Region	385