

**RESEARCH:****Smt. DARINA KHARSHANDI****Publications:**

<b>Sl. No.</b>	<b>Title with page nos. (with year published)</b>	<b>Book, Title, Editor &amp; Publisher</b>	<b>ISSN/ ISBN No.</b>
<b>1.</b>	Enumeration and Threat status of Wild edible fruits in Mawsynram. Page no. 13-19 (2014).	<i>NEBIO an International Journal of Environment and Biodiversity</i> . Vol.5, No.2.	ISSN 2278-2281 (online); ISSN 0976-359 (print version).
<b>2.</b>	Project work on environmental education. An innovative tool at the higher secondary school level. Page No. 170-174 (2015).	Reasserting Basic Sciences. Editors: M.N Bhattacharjee, E.N Dkhar, D.L Buam, I. S Warjri EBH Publishers (India) Guwahati	ISBN 978-93-83252-79 -4.
<b>3.</b>	Minor fruits used by locals in two hills district of Meghalaya, North east India. Page no. 4-15 (2015).	<i>Asian Journal of Pharmaceutical and Biological research</i> . Vol 5, Issue 1	eISSN: 2231-2218.
<b>4.</b>	Translating plant language. Its symbolism among the Khasis. Page No. 40-47 (2017)	Translation transcending Boundaries. Editors: B. Wanniang, M N Bhattacharjee, A. Nongbri, S. Pandey, L.D. Marak. EBH Publishers (India) Guwahati	ISBN: 978 93 86302 27 4.
<b>5.</b>	Filling in the Gaps for Aquatic Ecosystem Conservation - Biomonitoring for Baseline Information and Capacity Building in Meghalaya, India. Page No. 9-26 (2016).	<i>Journal of Ecological Society</i> . Vol 29.	ISSN (print) 2278 0823.

## Research Projects

Sl No.	Title	Funding Agency	Major/minor	Amount
1.	Wild Edible fruits of Mawsynram and its adjoining areas.	Research Innovation and Publication cell. Shillong College	Minor	12,000/-
2.	Documentation of Indigenous wild edible fruits of East Khasi Hills District, their proper utilisation and Conservation.	Meghalaya Biodiversity Board	Minor	75,000/-
3.	Study of Physico- Chemical parameters as well as Biomonitoring of Lwai Stream at Thangsning village ( <b>student project</b> ). [ Students :- Barikupar Paswet Pynbitbha Rynjah Bakorshisha Jana Teacher I/C D.Kharshandi]	Research Innovation and Publication cell. Shillong College	Minor	

## Smt. MIRIAM V.T. MARWEIN

### Publications:

Sl. No.	Title with page nos. (with year published)	Book, Title, Editor & Publisher	ISSN/ ISBN No.
1.	The Lifeline of border residents: a case study on Balat Border Haat.  Page No. 154-160 (2023)	<i>Cross Border Connectivity and Inclusive Growth</i> , Vol 1; Chapter 17.  EBH Publishers, India  Editors: Sankar Sarma, Evakorlang Kharkongor, Sharalyne Khyriemmujat.	ISBN: 978 93 92038 5 (Set)

**Smt. DALARI LYNGDOH**

**Publications:**

<b>Sl. No.</b>	<b>Title with page nos. (with year published)</b>	<b>Book, Title, Editor &amp; Publisher</b>	<b>ISSN/ ISBN No.</b>
<b>1.</b>	Enumeration and Threat status of Wild edible fruits in Mawsynram. Page no. 13-19 (2014).	<i>NEBIO an International Journal of Environment and Biodiversity</i> . Vol.5, No.2.	ISSN 2278-2281 (online); ISSN 0976-359 (print version).
<b>2.</b>	Minor fruits used by locals in two hills district of Meghalaya, North east India. Page no. 4-15 (2015).	<i>Asian Journal of Pharmaceutical and Biological research</i> . Vol 5, Issue 1	eISSN: 2231-2218.
<b>3.</b>	The Lifeline of border residents: a case study on Balat Border Haat.  Page No. 154-160 (2023)	<i>Cross Border Connectivity and Inclusive Growth</i> , Vol 1; Chapter 17.  EBH Publishers, India  Editors: Sankar Sarma, Evakorlang Kharkongor, Sharalyne Khyriemujat.	ISBN: 978 93 92038 5 (Set)
<b>4.</b>	Anthropogenic activities along the Myntdu River, Jaintia Hills and its repercussion. Page No. 120-126 (2023)	<i>Cross Border Connectivity and Inclusive Growth</i> , Vol 2; Chapter 13.  EBH Publishers, India  Editors: Sankar Sarma, Evakorlang Kharkongor, Sharalyne Khyriemujat.	ISBN: 978 93 92038 5 (Set)

## Research Projects

Sl No.	Title	Funding Agency	Major/minor	Amount
1	Wild Edible fruits of Mawsynram and its adjoining areas.	Research Innovation and Publication cell. Shillong College	Minor	Rs.12,000/-
2	Documentation of Indigenous wild edible fruits of East Khasi Hills District, their proper utilisation and Conservation.	Meghalaya Biodiversity Board	Minor	Rs.75,000/-
3	Mushroom poisoning: a study on knowledge, attitude and practice in East Khasi Hills.	Research and Publication Cell, Shillong College	College Minor Project	Rs.20,000/-
4	Phytochemical analysis of wild edible fruits from East Khasi Hills District.	Research and Publication Cell, Shillong College	College Minor Project	Rs.50,000/-

**Dr. (Smt.) AROMA LYNGDOH**

### Publications:

Sl. No.	Title with page nos. (with year published)	Book, Title, Editor & Publisher	ISSN/ ISBN No.
1.	First report of two wood-rotting fungi, <i>Cyclomyces fuscus</i> and <i>Humphreya coffeatum</i> , from India. Page No. 25 – 28. (2014).	<i>Journal on New Biological Reports</i> 3 (1)	ISSN 2319 – 1104 (Online).

2.	Wood-rotting fungi in East Khasi Hills of Meghalaya, northeast India, with special reference to <i>Heterobasidion perplexa</i> (a rare species – new to India). Page No. 117–124. (2014).	<i>Current Research in Environmental and Applied Mycology</i> 4 (1).	ISSN 2229-2225.
3.	Wood-rotting fungi in two forest stands of Kohima, north-east India: a preliminary report. Page No. 1–7. (2017).	<i>Current Research in Environmental &amp; Applied Mycology</i> 7(1).	ISSN 2229-2225.
4.	Decay potential of four white-rot fungi on <i>Betula alnoides</i> and <i>Quercus dealbata</i> woodblocks. Page No. 935-942. (2018).	<i>Asian Journal of Microbiology, Biotechnology &amp; Environmental Sciences</i> . Vol. 20 (3).	ISSN-0972-3005.
5.	A Comparative Study of Wood-Rotting Fungal Diversity in Selected Sacred Groves and Non-Sacred Community Forests of	<i>Echoes from the Hills- An Interdisciplinary Journal. Shillong College</i> . Vol V (1).	ISSN. 2581-5253.

	Meghalaya. Page No. 1- 22. (2021)		
6.	Food and medicinal values of <i>Dioscorea alata</i> L. Page No. 55-63 (2022)	Yam. Vol. 1. Chapter 7.  Published by: APRF Publishers Ambika Prasad Research Foundation, India Editors: BL Manjula, Arvind Kumar, Jaydeep K Sahu, S Samilita Dash, Sanjeet Kumar	ISBN: 978-81-955847-5-8 DOI: <a href="https://doi.org/10.5281/zenodo.7147528">https://doi.org/10.5281/zenodo.7147528</a>
7.	<i>Dioscorea wallichii</i> Hook. f. (Dioscoreaceae): a tribal medico-food of India. Page No. 64-69 (2022)	Yam. Vol. 1. Chapter 8.  Published by: APRF Publishers Ambika Prasad Research Foundation, India. Editors BL Manjula, Arvind Kumar, Jaydeep K Sahu, S Samilita Dash, Sanjeet Kumar	ISBN: 978-81-955847-5-8 DOI: <a href="https://doi.org/10.5281/zenodo.7147528">https://doi.org/10.5281/zenodo.7147528</a>
8.	The Lifeline of border residents: a case study on Balat Border Haat. Page No. 154-160 (2023)	<i>Cross Border Connectivity and Inclusive Growth, Vol 1; Chapter 17.</i>  EBH Publishers, India. Editors: Sankar Sarma, Evakorlang Kharkongor, Sharalyne Khyriemmujat.	ISBN: 978 93 92038 5

## Research Projects

Sl. No.	Title	Funding Agency	Nature of Project i.e. Major/Minor	Grant/Amount
1	Mushroom poisoning: a study on knowledge, attitude and practice in East Khasi Hills	Research and Publication Cell, Shillong College	College Minor Project	Rs.20,000/-
2	Documentation of ethnobotanically important plants in selected villages of Khasi hills, Meghalaya.	Research, Innovation and Publication Cell, Shillong College	College Minor (teacher - student) Project	Rs.50,000/-

**Dr. (Ms.) REEMA VAREEN DIENGDH**

## Publications

Sl. No.	Title with page nos. (with year published)	Book, Title, Editor & Publisher	ISSN/ ISBN No./ Doi
1.	Genetic stability and phytochemical analysis of their - vitro regenerated plants of <i>Dendrobium nobile</i> Lindl., an endangered medicinal orchid. Page No. 489-504 (2014).	<i>Metagene journal</i> , Elsevier.	<a href="https://doi.org/10.1016/j.mgene.2014.06.003">https://doi.org/10.1016/j.mgene.2014.06.003</a>
2.	Asymbiotic germination and seed storage of <i>Paphiopedilum insigne</i> , an endangered lady's	<i>South African Journal of Botany</i> , Elsevier ( <b>Impact factor – 2.3</b> ).	<a href="https://doi.org/10.1016/j.sajb.2017.05.028">https://doi.org/10.1016/j.sajb.2017.05.028</a>

	slipper orchid. Page No. 215-224 (2017)		
3.	Antioxidant and improved regrowth procedure facilitated cryoconservation of <i>Paphiopedilum insigne</i> . Page No. 60-67 (2019)	<i>Cryobiology</i> , Elsevier ( <b>Impact factor - 2.3</b> ).	<a href="https://doi.org/10.1016/j.cryobiol.2019.02.003">https://doi.org/10.1016/j.cryobiol.2019.02.003</a>
4.	In vitro seed storage of <i>Paphiopedilum villosum</i> Lind., an endangered lady's slipper orchid. Page No. 21-31 (2020).	<i>The NEHU Journal</i> UGC approved journal.	ISSN. 0972 - 8406
5.	Orchids – A fascination in need of sustainable future  Reema Varen Diengdoh  Vol5: no.1; Pages 71-84 (2021)	Echoes from the Hills- An Interdisciplinary Journal. Shillong College	ISSN. 2581-5253
6.	Recent In Vitro Propagation Advances in Genus <i>Paphiopedilum</i> : Lady Slipper Orchids. Chapter 14. Page No. 320-338 (2022)	Commercial Scale Tissue Culture for Horticulture and Plantation Crops Editors: S. Gupta, P. Chaturvedi (eds.), Springer Nature Singapore Pte Ltd.	<a href="https://doi.org/10.1007/978-981-19-0055-6_14">https://doi.org/10.1007/978-981-19-0055-6_14</a>
7.	Efficient utilization of phytohormones for the <i>in vitro</i> proliferation of <i>Paphiopedilum villosum</i> Lindl. Stein	South African Journal of Botany, Elsevier <b>Impact factor - 3.1</b>	<a href="https://doi.org/10.1016/j.sajb.2023.01.022">https://doi.org/10.1016/j.sajb.2023.01.022</a>



	- a Lady's Slipper orchid 154 (2023) 387- 393		
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### RESEARCH PROJECTS:

Sl. No	Title of Project	Funding Agency	Nature of Project i.e. Major/ Minor	Grant/ Amount Mobilised (Rs.)
1	“Conservation of some species of <i>Paphiopedilum</i> of North-East India”  Project Fellow	UGC	Major	120000.00
2	“Effect of plant growth hormones on the seed germination of <i>Citrus macroptera</i> Montr. an endangered species of Northeast India”	Department of Botany, NEHU	Minor + Dissertation	12000.00
3.	Plant tissue culture orchid projects	BRDC, Shillong	Concept notes and pilot project writing	