### A QUALITATIVE PHYTOCHEMICAL SCREENING OF *Dicranella heteromalla* W.P.Schimper AND *Pleuridiella colei* Robins.

A dissertation submitted to the P.G. Department of Life Sciences, Debraj Roy College, Golaghat for partial fulfilment of requirement for the award of the Master Degree in Life Sciences (Botany) under Dibrugarh University



Under the supervision of Dr. Jayanta Barukial M.Sc.; Ph.D. Associate professor Ms. Porismita Hazarika Assistant professor P.G. Department of Life Sciences Debraj Roy Collage Golaghat- 785621 ASSAM, INDIA Submitted by: Lumbini Saikia M. Sc. 4<sup>th</sup> Semester & Roll No: 17132004 Registration No: 14034364 P.G. Department of Life Sciences Debraj Roy College Dibrugarh University

2019

## A STUDY OF POLLEN MORPHOLOGY OF THE FAMILY APOCYNACEAE WITH REFERENCE TO GENETICAL VARIABILITY

A Dissertation submitted to the P.G. Department of Life Sciences, Debraj Roy College, Golaghat for partial fulfillment of the degree of Master of Science in Life Sciences (Botany) under Dibrugarh University



### Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D. Associate Professor P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

#### &

Ms. Porismita Hazarika, M.Sc. P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

#### Submitted by

Ashruta Boruah M.Sc. 4<sup>th</sup> Semester Roll No: **17132001** Registration No: **14035755** P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621 Assam, 2019

## PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF Sarcochlamys pulcherrima Gaudich.

A dissertation submitted to the P. G. Department of Life Sciences, D. R. College, for the partial fulfillment of requirement for the award of the Master Degree in Life Sciences (Botany) under Dibrugarh Univeersity



### Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D. Associate Professor

P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

#### &

Ms. Porismita Hazarika, M.Sc. P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

#### Submitted by

Wasim khan M.sc 4<sup>th</sup> semester Roll No. 171320016 Registration No: 14034453 P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621

Assam

# A STUDY OF POLLEN MORPHOLOGY OF THE FAMILY VERBENACEAE WITH REFERENCE TO GENETICAL VARIABILITY

A dissertation submitted to the P.G. Department of Life Sciences, Debraj Roy College, Golaghat for partial fulfillment of the degree of Master of Sciences in Life Sciences (Botany) under Dibrugarh University



Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D.

Associate Professor

P.G. DEPARTMENT OF LIFE SCIENCES

DEBRAJ ROY COLLEGE

R

Ms. Porismita Hazarika, M.Sc.

P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE



Submitted by Rahul Mondal M.Sc. 4<sup>th</sup> Semester Roll No: 17132015 Registration No: 14038076 P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621 Assam

2019

# A QUALITATIVE PHYTOCHEMICAL SCREENING OF *Mallotus philippensis* (Lam.) Mull.Arg

A dissertation submitted to the P.G. Department of Life Sciences, Debraj Roy College for partial fulfillment of requirement for the award of the Master Degree in Life Sciences under Dibrugarh University.





#### Submitted by:

Debasish Bora M. Sc. 4<sup>th</sup> Semester Roll No.- 17132012 Registration No.- 14034330 P.G. Department of Life Sciences Debraj Roy College Dibrugarh University

Dr. Jayanta Barukial M.Sc.; Ph.D. Associate professor

Under the supervision of

#### &

Ms. Porismita Hazarika Assistant professor P.G. Department of Life Sciences Debraj Roy College Golaghat- 785621 ASSAM, INDIA

2019

## A STUDY OF POLLEN MORPHOLOGY OF THE FAMILY LAMIACEAE WITH REFERENCE TO GENETICAL VARIABILITY

A Dissertation Report submitted to the P.G. Department of Life Sciences, Debrajroy College, Golaghat for partial fulfillment of the degree of Master of Sciences in Life Sciences (Botany) under Dibrugarh University



### Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D. Associate Professor P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE & Ms. Porismita Hazarika, M.Sc. P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

### Submitted by

Bandita konwar M.Sc. 4<sup>th</sup> Semester Roll No: **17132002** Registration No: **14035996** P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621 Assam

# A STUDY OF PHYTOCHEMICAL SCREENING OF

## Lygodium microphyllum (Cav.) R. Br.

And

### Lygodium flexuosum (L.) Sw.

A Dissertation submitted to the P.G. Department of Life Sciences, Debraj Roy College, Golaghat for partial fulfillment of the degree of Master of Science in Life Sciences (Botany) under Dibrugarh University



### Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D. Associate Professor P.G. Department Of Life Sciences Debraj Roy College & Ms. Porismita Hazarika, M.Sc. P.G. Department Of Life Sciences Debraj Roy College

#### Submitted by

Pallabi Dutta M.Sc. 4<sup>th</sup> Semester Roll No: **17132006** Registration No: **14035706** P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621 Assam, 2019

## A STUDY OF POLLEN MORPHOLOGY OF THE FAMILY RUBIACEAE WITH REFERENCE TO GENETICAL VARIABILITY

A Dissertation Report submitted to the P.G. Department of Life Sciences, Debraj Roy College, Golaghat for partial fulfillment of the degree of Master of Sciences in Life Sciences (Botany) under Dibrugarh University





### Under The Supervision of

Dr. Jayanta Barukial, M.Sc. Ph.D. Associate Professor P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE & Ms. Porismita Hazarika, M.Sc. P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE

#### Submitted by

Bibek Saikia M.Sc. 4<sup>th</sup> Semester Roll No: **17132011** Registration No: **14037375** P.G. DEPARTMENT OF LIFE SCIENCES DEBRAJ ROY COLLEGE Golaghat- 785621 Assam