Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Aleena Tomy Reg.No: CRASSZO001

Under the Supervision of Ms. Goldy Davis P.



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS COULDY Davis.P. Coldy [Strl 2021



CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Aleena Tomy (CRASSZO001) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

King

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Amrutha K A Reg.No: CRASSZO002

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MG. SUKANYA.PS





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Amrutha K A (CRASSZO002) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rink

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Amrutha M U
Reg.No: CRASSZO003

Under the supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNON SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Amrutha M U (CRASSZO003) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rang

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Aneesha P V Reg.No: CRASSZO004

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS. GOLDY Davis.P. Goldy (18/1/2021



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Aneesha P V (CRASSZO004) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rink

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Anju O R Reg.No: CRASSZO005

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS. GOLDY Davis.P. Golder 18/1/2021



CERTIFICATE

Certifed that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Anju O R (CRASSZO005) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.



Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Ansiya T M Reg.No: CRASSZO006

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MG. SUHANYA.PS





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Ansiya T M (CRASSZO006) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rink

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Aswathy Shaju
Reg.No: CRASSZO007

Under the supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNAN SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Aswathy Shaju (CRASSZO007) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

King

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Dhanya OL
Reg.No: CRASSZO008

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

M. SUKANYA.P.S





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Dhanya O L (CRASSZO008) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Ring

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Jismy K T
Reg.No: CRASSZO009

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS GOLDY Davis.P. Golder (8/1/2021



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Jismy K T (CRASSZO009) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinne

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Jisna Thankachan K T Reg.No: CRASSZO010

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

Mr. SUKANYA.P.S





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Jisna Thankachan K T (CRASSZO010) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rink

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Juhi Saji Reg.No: CRASSZO011

Under the supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNON SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Juhi Saji (CRASSZO011) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinne

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Date: 08.07.2021

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Lakshmi A S
Reg.No: CRASSZO012

Under the Supervision of Ms. Sukanya P S

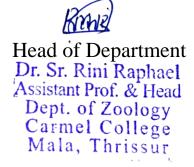


Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

Mb. SUKANYA.P.S







MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Lakshmi A S (CRASSZO012) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Ring

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Nivia Rose John Reg.No: CRASSZO014

Under the supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNON SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Nivia Rose John (CRASSZO014) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinne

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Date: 08.07.2021

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Rabeeha B A Reg.No: CRASSZO015

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS GOLDY Davis P Goldy (18/1/2021



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Rabeeha B A (CRASSZO015) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinns

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Swetha R
Reg.No: CRASSZO016

Under the supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNON SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Swetha R (CRASSZO016) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinne

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Tarlin P J
Reg.No: CRASSZO017

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS COULDY Davis P Colder (8/1/2021



CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Tarlin P J (CRASSZO017) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Ring

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Varna Kesavan
Reg.No: CRASSZO018

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MG. SUHANYA.PS





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Varna Kesavan (CRASSZO018) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kine

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By

Akshaya V N Reg.No: CRASSZO019

Under the supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

Me. SUKANYA.P.S





MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Akshaya V N (CRASSZO019) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Rine

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
Athira N R
Reg.No: CRASSZO020

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS GOLDY Davis P Golder 18/1/2021



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Athira N R (CRASSZO020) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Ring

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Athira V T Reg.No: CRASSZO021

Under the Supervision of Ms. Sukanya P S



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

ME. SUHANYA.P.S





MALA - 680732

CERTIFICATE

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Rink

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Chethana Babu Reg.No: CRASSZO022

Under the supervision of Ms. Goldy Davis P



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS GOLDY Davis P Coldy 18/1/2021



CERTIFICATE

Certified that this is an authentic record of the project work entitled "Distribution and Diversity Study of the Spider Population in Kodungallur, Mala and Poyya Regions of Thrissur District, Kerala" done by Chethana Babu (CRASSZO022) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology

Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By Seenu Subair Reg.No: CRASSZO023

Under the Supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNAN SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by Seenu Subair (CRASSZO023) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Ring

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala

A Comparative Study of Dermatoglyphic Patterns in Normal and Prader- Willi Syndrome

Project report submitted to the University of Calicut in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Zoology

By
V. S Saeema
Reg.No: CRASSZO024

Under the Supervision of Ms. Rakhi Radhakrishnan



Department of Zoology Carmel College, Mala 2020 - 2021

Supervisor

MS RAKHI RADHAKRISHNON SHOOL



MALA - 680732

CERTIFICATE

Certified that this is an authentic record of the project work entitled "Variations in Dissolved Oxygen and Biochemical Oxygen Demand in Waterbodies near Mala Locality, Thrissur District, Kerala" done by V S Saeema (CRASSZO024) in partial fulfillment of the requirement for the Degree of Bachelor of Science in Zoology of University of Calicut and the work has not previously formed the basis for any other similar work.

Kinne

Dr. Sr. Rini Raphael Assistant Prof. & Head Dept. of Zoology Carmel College Mala, Thrissur

Place: Mala