



Recent Advances in Biological Science : Biodiversity and Human Welfare

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(November 18th-19th, 2022)

Organized by :

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Dr. Rabindra Hazarika

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Chapter 23 :

**A STUDY ON COMPARATIVE ANALYSIS AND
PREVALENCE OF SOME COMMUNICABLE DISEASES IN 5
HEALTH CENTRES OF KALIABOR SUB DIVISION,
NAGAON, ASSAM**

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ABSTRACT

India is going through a period of transition, both epidemiological and demographic transition. Infectious diseases are still persisting as major health problems in spite of having national programmes for the control of most of these diseases for almost half a century now. There are re-emerging infectious diseases that are adding to the burden of diseases. In addition, there is an increasing prevalence of non-communicable diseases as a result of lifestyle changes and urbanization. These are the challenges that are to be tackled in the new millennium.

The recent trends of some communicable diseases (CD) under Kaliabor Sub-division are analyzed in this study. Utilizing the CHC-level health-specific data from five different Health Centre of Kaliabor Sub-division, it is found that the incidence of CDs is relatively high in backward areas like Simona, in comparison to Uluwoni and Naltali. The HC-wise pattern shows that both the *least-developed* areas and *relatively developed areas* have a high incidence of diseases like malaria, typhoid, TB etc.

Keywords: Infectious Diseases, CD, HC, Health Transition, CHC.

INTRODUCTION

Every human being is the author of his own health and disease-Gautama Buddha. The statement described how a person is responsible for every aspect of his health. If a person takes a healthy diet, ensures cleanliness and regular medical checkups then he will be healthier than a person who doesn't take care of all this. So, keeping this in mind we have

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From

In the modern world, which is becoming increasingly fully dependent on science and technology, the younger generations, also the students, are caught in a rat race to make money. Education is the key to success. In this process, we must not forget the basics of education. Basic principles of pure sciences, pure science in the modern world. As a result many problems remain unsolved. To bridge the gap between basic and applied science, the Government of India has started the Star College Scheme. This scheme aims to strengthen the scientific education at the school level. Initially the Education Department was to cover five months of the curriculum. This was not possible. It was decided that the curriculum would be covered under the Star College Scheme. This has been carried out under the Star College Scheme. We are encouraged to undertake research projects. Again in the year 2019, on the completion of 73rd Birth Anniversary of the Sahitya Sabha, the

A COMPARATIVE STUDY OF PLANKTON DIVERSITY OF TWO DIFFERENT WATER HABITAT

Manisha Mandal, Satyajit Mandal,
Gosai Chand Das & Anup Kr. Medhi*

INTRODUCTION :

Planktons are the diverse group of organisms that live in the water and that cannot swim against a water current. They provide a crucial source of food to many large aquatic organisms. These organisms include drifting or floating bacteria, algae, protozoa and animals that inhabits, but not limited to the pelagic zone of water bodies.

Through many planktonic speices are microscopic in size, planktons includes organisms covering a wide range of size, including large organisms and small as well.

Planktons are of two types, they are given as follows :

- Phytoplankton's
- Zooplankton's

TYPES OF PLANKTONS :

Planktons are of two types, they are-

- Phytoplankton's

Phytoplankton's
Phytoplank

in greatest abundan
the upper 50 m (1
two types again the

• The first
propel themselves

• Flagella
vertically in the wa

Zooplankton's :

Zooplankto
animals with limite
microscopic, unice
from a few micro
Phytoplankton's ar
into animal tissue a
higher animals parti
to access energy tra

OBJECTIVES :

1. To reco
different
2. To study
Zooplan
3. To study
on increa

REVIEW OF LITI

Laskar H.S.
phytoplankton's taxa
belong to Chlorophyc