



A.H.M.'s

ANJUMAN ARTS, SCIENCE AND COMMERCE COLLEGE, BHATKAL

(AFFILIATED TO THE KARNATAKA UNIVERSITY, DHARWAD)

Accredited "B" Grade by NAAC

BOTANY FIELD VISIT

B.Sc. III SEMESTER

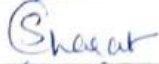
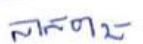
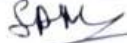
2022-23

PHOTOS





AHMS
Anjuman Arts, science and Commerce College Bhatkal
Bsc 3rd Sem Students List for the year 2022-23
Subject: Botany

Sl no	Register Number	Name of the student	Signature
1	U02JK21S0008	GANAPATHI NARAYANA JOGI	
2	U02JK21S0009	RAVIRAJ SHIVARAM DEVADIG	
3	U02JK21S0010	TANUJA VENKATRAMAN NAIK	
4	U02JK21S0014	ANUSHA MADEV NAIK	
5	U02JK21S0016	DARSHAN SHRIDHAR NAIK	
6	U02JK21S0018	SHARATH M NAIK	
7	U02JK21S0022	SANATH	
8	U02JK21S00024	MOHAMMED ZAHEEN	
9	U02JK21S00028	NAGARAJ CHANNAVEERAPPA HOSAMANI	
10	U02JK21S00031	SYED ABDUL MANNAN	


HEAD OF THE DEPARTMENT


PRINCIPAL
Anjuman Arts, Science & Commerce College
B D G Centre
Bhatkal, Tal. Bhatkal, Dist. Bhatkal

ANJUMAN ARTS, SCIENCE, COMMERCE COLLEGE & P.G CENTER BHATKAL



BOTANY FIELD VISIT REPORT

2021-2022

Student Name: Ganapathi Narayana Jogi

University seat no. : U02JK21S0008

Class: BSc III sem

valued

ANJUMAN ARTS, SCIENCE, COMMERCE COLLEGE & P.G CENTER BHATKAL

DEPARTMENT OF BOTANY

CERTIFICATE

This is to certify that Mr. / Miss. Ganapathi..... is the bonafied student of our college studying in B.sc semester has carried out field visit as prescribed by the syllabus of Karnatak University Dharwad & submitted the report for the partial fulfillment of Botany Practicals for the academic year 2022 - 2023 .

Date:



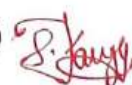
Staff member incharge



Head of the Department
Co-Ordinator
Department of Botany
Anjuman Degree College and
P. G Centre, Bhatkal

University seat No: U095K2180008

Examiners: 1)



27/04/23.

2)



27/04/2023.

Introduction

Placentation refers to the mode of ovule attachment on the ovary wall. The ovary in the most flowering plants is a compound structure formed by the union of two or more carpels. The number of ovules found within the ovaries, The number of carpels fusing to form the compound ovary, & the position of ovules within the ovary following the union of carpels have generated several types of placentation in flowering plants. Flowers in most of the early branching or early diverging lineages of angiosperms have one to many free-carpels, each carpel with one or few ovules along the margins sealed by secretions.

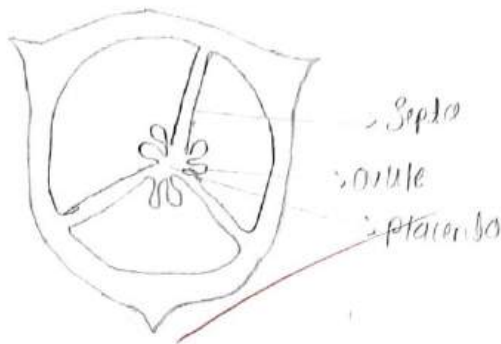
Placentation is the arrangement of ovules in the ovary of the plant. Types of placentation are:

- 1) Axile placentation
- 2) Marginal placentation
- 3) Parietal placentation
- 4) Basal placentation
- 5) Free-central placentation

Hence in this project we the students of BSc IIIrd Sem have studied about placentation arrangement in different vegetables. They are as follows.

Axile Placentation

Placenta arise from the central axis where the septa
divided from axile column to which ovules are attached
ovary is syncarpous and multicarpellary i.e. contain
many chambers. Example: Lemon, Lady's finger, Tomato, chilly



Lemon

Conclusion

Placentation type show strong association with number of ovule. Finally our results on ovule number and placentation types indicate that most Angiosperm may fall in to two categories

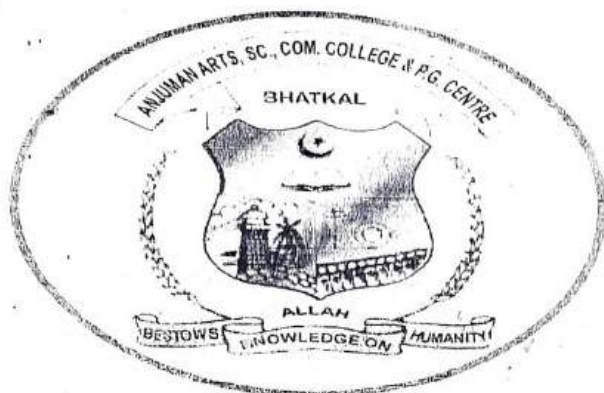
- 1 One or few ovule and basal placentation
- 2 Many ovules and parietal and Axile placentation

kin selection within ovary may play a role in explaining the observed patterning.

Overall our project on placentation on different vegetable provided us a new insights in to the evolution of placentation, particularly in to the drivers underlying the diversification of various placentation types.

Pratibha
09/02/2023

ANJUMAN ARTS, SCIENCE, COMMERCE COLLEGE & P.G CENTER BHATKAL



BOTANY FIELD VISIT REPORT

2021-2022

Student Name: RAVIRAJ S. DEVADIGA

University seat no.: 002JK2150009

Class: B.Sc 11th sem

valued

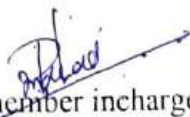
**ANJUMAN ARTS, SCIENCE, COMMERCE
COLLEGE & P.G CENTER BHATKAL**

DEPARTMENT OF BOTANY

CERTIFICATE

This is to certify that Mr. / Miss. Raviraj - S. Devadig is
the bonafied student of our college studying in B.sc III semester
has carried out field visit as prescribed by the syllabus of Karnatak
University Dharwad & submitted the report for the partial fulfillment
of Botany Practicals for the academic year 2022 - 2023.

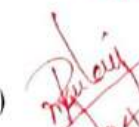
Date:


Staff member incharge


Head of the Department
Co-Ordinator
Department of Botany
Anjuman Degree College and
P. G Centre, Bhatkal

University seat No: U02J K21S0009

Examiners: 1) 

27/04/23
2) 
27/04/2023

INTRODUCTION

Placentation refers to the mode of ovule attachment on the ovary wall. The ovary in the most flowering plants is a compound structure formed by the union of two or more carpels. The number of ovules found within the ovaries. The number of carpels fusing to form the compound ovary, and the position of ovules within the ovary following the union of carpels, have generated several types of placentation. In flowering plants. Flowers in most of the early branching or early diverging lineages of angiosperm have one to many free-carpels, each carpel with one or few ovules along the margins sealed by secretions.

Placentation is the arrangement of ovules in the ovary of the plant. Types of placentation are:

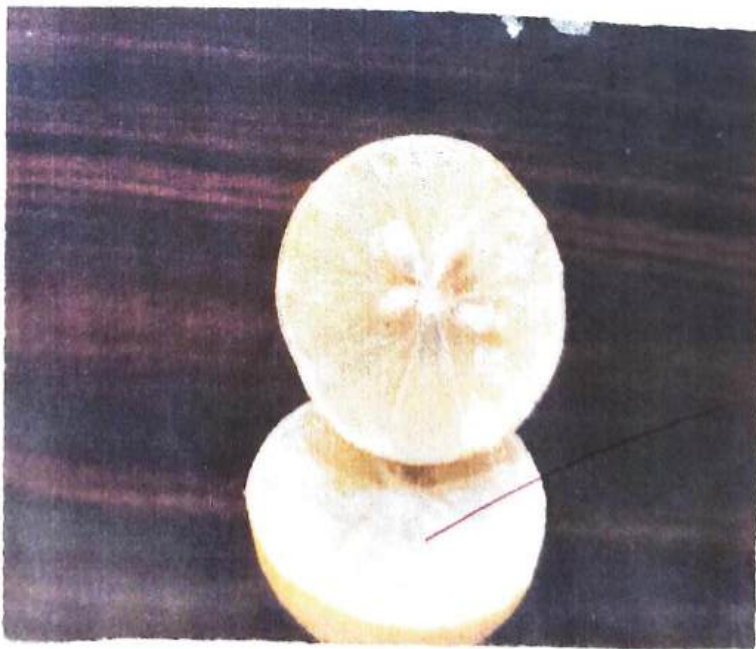
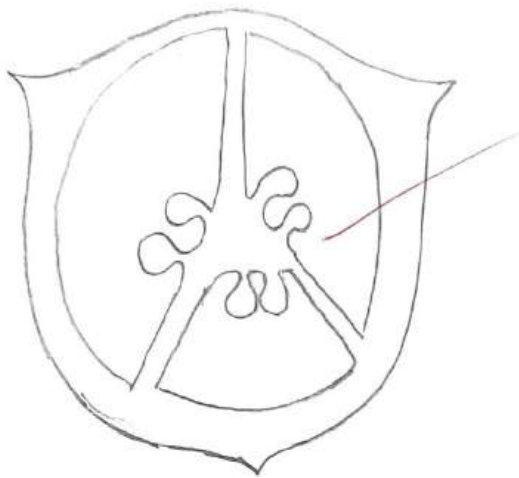
- 1) Axile placentation
- 2) Marginal Placentation
- 3) Parietal Placentation
- 4) Basal Placentation
- 5) Free-Central Placentation

Here in this project we the student of B.Sc 3rd Sem have studied about placentation arrangement in different vegetables. They are as follows:

AXILE PLACENTAION

Placenta arise from the central axis where the septa fused to form axile column to which ovules are attached. ovary is syncarpous and multicarpellary i.e. contain many chambers.

Example :- Lemon, Lady's finger, Tomato, chilly

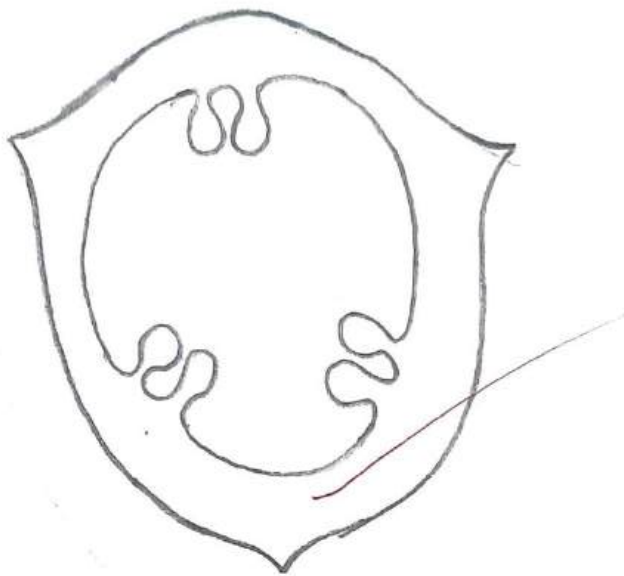


Lemon

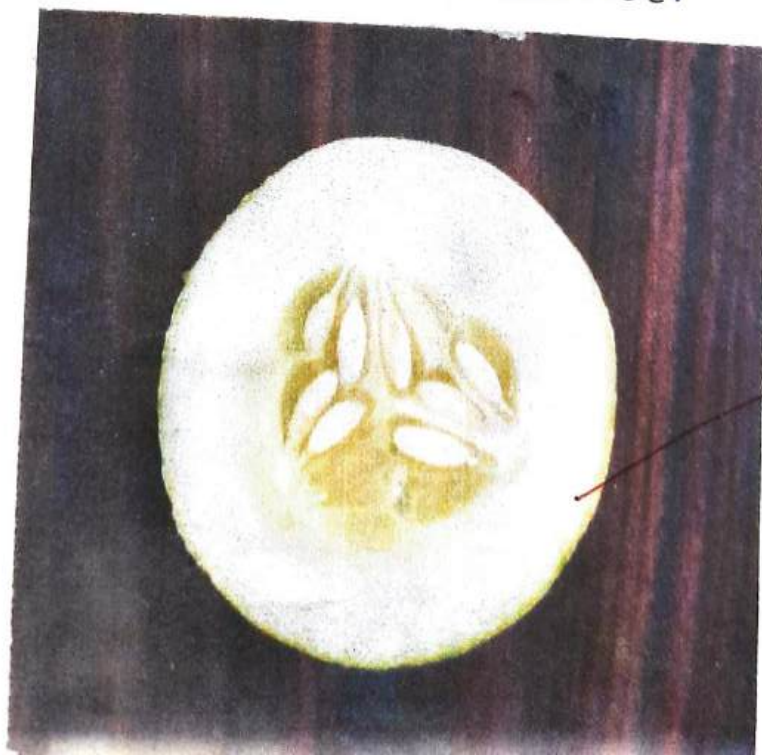
PARIETAL PLACENTATION

It is a type of placentation found in compound unilocular ovaries in which the ovule arises from placenta inserted on a wall of the locule near the sutures.

Eg:- Cucumber



cucumber



Conclusion :-

Placentation types show strong association with number of ovules. Finally, our results on ovule number and placentation types indicate that most angiosperms may fall into two categories.

- 1) One or few ovules and basal placentation
- 2) Many ovules and parietal and axial placentation.

Kin selection within ovaries may play a role in explaining the observed patterns.

Overall our project on placentation on different vegetables provided us a new insights into the evolution of placentation, particularly into the drivers underlying the diversification of various placentation types.

Indrani
08/02/2023

ANJUMAN ARTS, SCIENCE, COMMERCE
COLLEGE & P.G CENTER BHATKAL



BOTANY FIELD VISIT REPORT

2022-2023

Student Name: Tanuja . V . Naik

University seat no. : U025K2150010

Class: BSc IIIrd sem

valued.

**ANJUMAN ARTS, SCIENCE, COMMERCE
COLLEGE & P.G CENTER BHATKAL**

DEPARTMENT OF BOTANY

CERTIFICATE

This is to certify that Mr. / Miss. Tanuja . V. Naik is
the bonafied student of our college studying in B.sc ^{3rd} semester
has carried out field visit as prescribed by the syllabus of Karnatak
University Dharwad & submitted the report for the partial fulfillment
of Botany Practicals for the academic year 2022 - 2023

Date:


Staff member incharge


Head of the Department
Co-Ordinator
Department of Botany
Anjuman Degree College and
P. G Centre, Bhatkal

University seat No: U02JK21S0010

Examiners: 1)



27/04/23

2)


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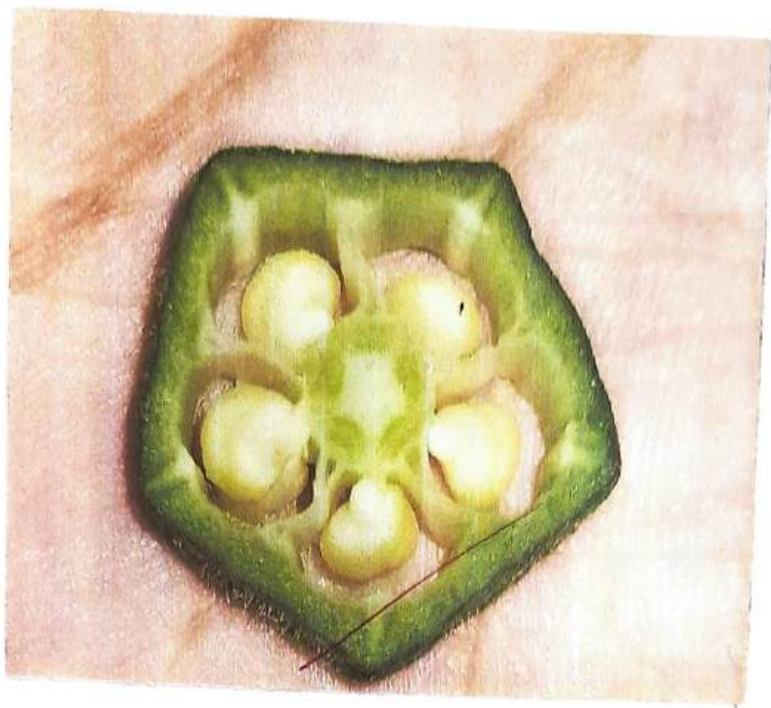
Introduction

Placentation refers to the mode of ovule attachment, on the ovary wall. The ovary in the most flowering plant is compound structure formed by union of two or more carpels. The number of ovules found within the ovary the number of carpels fusing to form the compound ovary and the position of ovules within the ovary following the union of carpels have generated several types of placentation in flowering plants. Flowers in most of the early branching or early diverging lineages of angiosperms have one to many free carpels, each carpel with one or few ovules along the margins sealed by secretions.

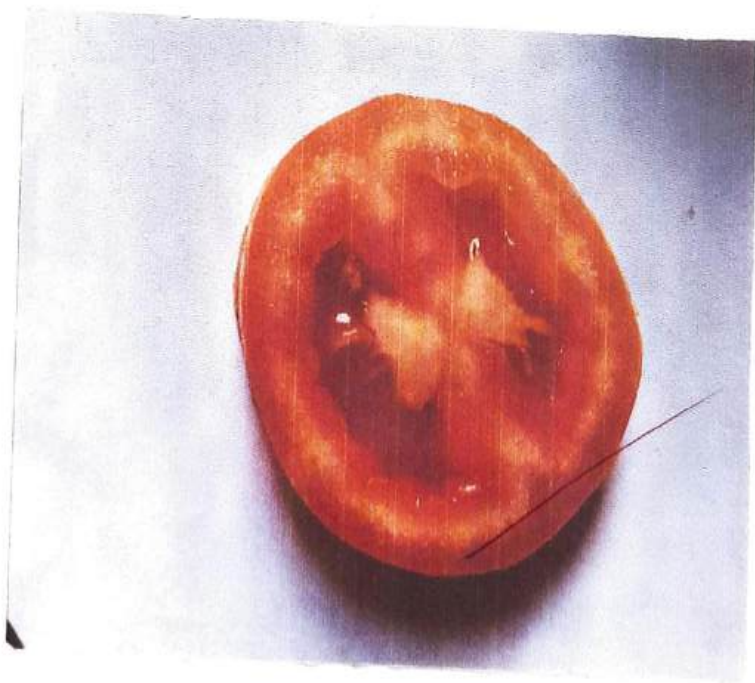
Placentation is the arrangement of ovules in the ovary of the plant. Types of placentation.

- 1) Axile placentation
- 2) Marginal placentation
- 3) Parietal placentation
- 5) Free central placentation.

Hence in this project we the student BSC IIIrd Sem have studied about placentation arrangement in different vegetables. They are as follows.



Ladies fingers



Tomato

Conclusion.

Placentation type show strong association with number of ovule. Finally, our results on ovule number and placentation types indicate that most angiosperms may fall into two categories
1) with one or few ovules and basal placentation.

2) many ovules and parietal and axile placentation

kin selection within ovaries may play a role in explaining the observed pattern. Overall our project on placentation on different vegetables provided us a new insight into the evolution of placentation, particularly into the drives underlying the diversification of various placentation types.

Naresh
06/02/2023



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Report:

Department of Botany organised a field visit to Kengre Nursery, Sirsi on 02-01 2023, to make students familiar with different Plants. Approximately 10 students from Bsc III sem accompanied with Principal Mustaque Sheikh and Miss Poornima, HOD and lecturer in Botany. Students noticed all the different kinds of plants and their important characteristics.

The Horticulturist Ramanna, at Kengre Nursery, Sirsi described the characteristics and the traits of different plants and also explained about the compost they produce for the plants.

After the field visit, students gained knowledge on the different traits of the plants and its uses.


HEAD OF THE DEPARTMENT
Department of Botany
Anjuman Degree College and
P. G Centre, Bharkal


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