

BHARAT KA AMRUT MAHOTSAV

RESULT OF THE POSTER COMPETITION OF “IMPORTANCE OF CONSERVATION OF THE POLLINATORS IN DIFFERENT ECOSYSTEMS”

The winners of the poster competition on “**Importance of Conservation of the pollinators in different Ecosystems**” in connection with the celebration of Bharat Ka Amrut Mahotsav are as follows:

First Prize- **Mr. Visakh, N. U.**, Kerala Agricultural University, Kerala

Second Prize- **Ms. Sayanhi Ghosh**, Bangabasi Morning College, West Bengal

Third Prize- 1. **Ms. Francina Basil**, Kristu Jayanti College, Karnataka

2. **Ms. Paramitakar**, Chakdaha College, West Bengal

Consolation Prize Winners

1. Ms. R K Vincy, G.P. Women’s College, Manipur

2. Mr. Dipak Paul, Krishnath College, West Bengal

3. Ms. Purba Sen, COVSC, Nagaland

4. Ms. Arentila, COVAH, Mizoram

5. Mr. Sai Nesar R, UAS, Karnataka

COMMITTEE MEMBERS

- | | |
|---|------------------|
| 1. Dr. R Sundararaj, Head, Forest Protection Division | Chairman |
| 2. Dr. H. R.Prabuddha, IFS, Head, Extension Division | Member |
| 3. Mr. Raja Rishi, Scientist –E, Forest Protection Division | Member |
| 4. Ms. Athulya R, Scientist-B, Forest Protection Division | Member Secretary |

PROTECT OUR POLLINATORS

How to conserve pollinators that feed our world

Integrated Crop Pollination (ICP)

Pollinators + Management practices

Habitat management

Provision of nesting sites



Cavity nesting bee blocks



Alkali bee nesting site



Mason bee blocks



Leaf cutter bee blocks



General welfare of pollinators

Integration of farm management practices



Crop production practices



Crop protection practices

- Remove Bee poisoning
- Avoid direct pesticide contact
- Remove surface residue
- Provide uncontaminated water
- Ban pollinator toxic pesticides

Provision of foraging sites

Bee flora



Duranta sp.

Floral strips



Cosmos sp.



Hibiscus sp.

- ❖ Bats, bees, hummingbirds and butterflies are but four of the 200,000 species of pollinators worldwide. Because of pollinators, our world enjoys plentiful fresh fruits, nuts and vegetables. But survival of pollinators is currently threatened.
- ❖ Threats including diseases, pesticides, loss of friendly habitats and other environmental pressures endanger bees, bats and other pollinators. Such detrimental factors result in fewer pollinators.
- ❖ Think that where would be we without pollinators? So, protect our pollinators and save our future.

Mr. Visakh, N. U., Kerala Agricultural University, Kerala

--COMMIT TO PROTECTING POLLINATORS!--

--The earth is a unique and diverse planet. In order to maintain its diversity, pollination is a major character at play.

Q. How much rooms should we give the pollinators?

The pollinators don't ask for much and conserving them is preserving our ecosystem.

1. Pollination: A healthy pollination between flowers flourishes a garden.



2. Erosion Control: Roots of trees hold soil firmly and prevents landslide.



3. New Saplings: Adds to ecosystem, inviting pollinators.



4. Nutrient Cycle: Addition of organic matter to the soil, promotes healthy growth of a plant.



5. Food Reservoir: The pollinators should have an abundance of food from environment.



6. No Pesticides: Major cause for death of pollinators. Say NO to pesticides.



EROSION CONTROL

POLLINATION

NEW SAPLINGS



NUTRIENT CYCLE

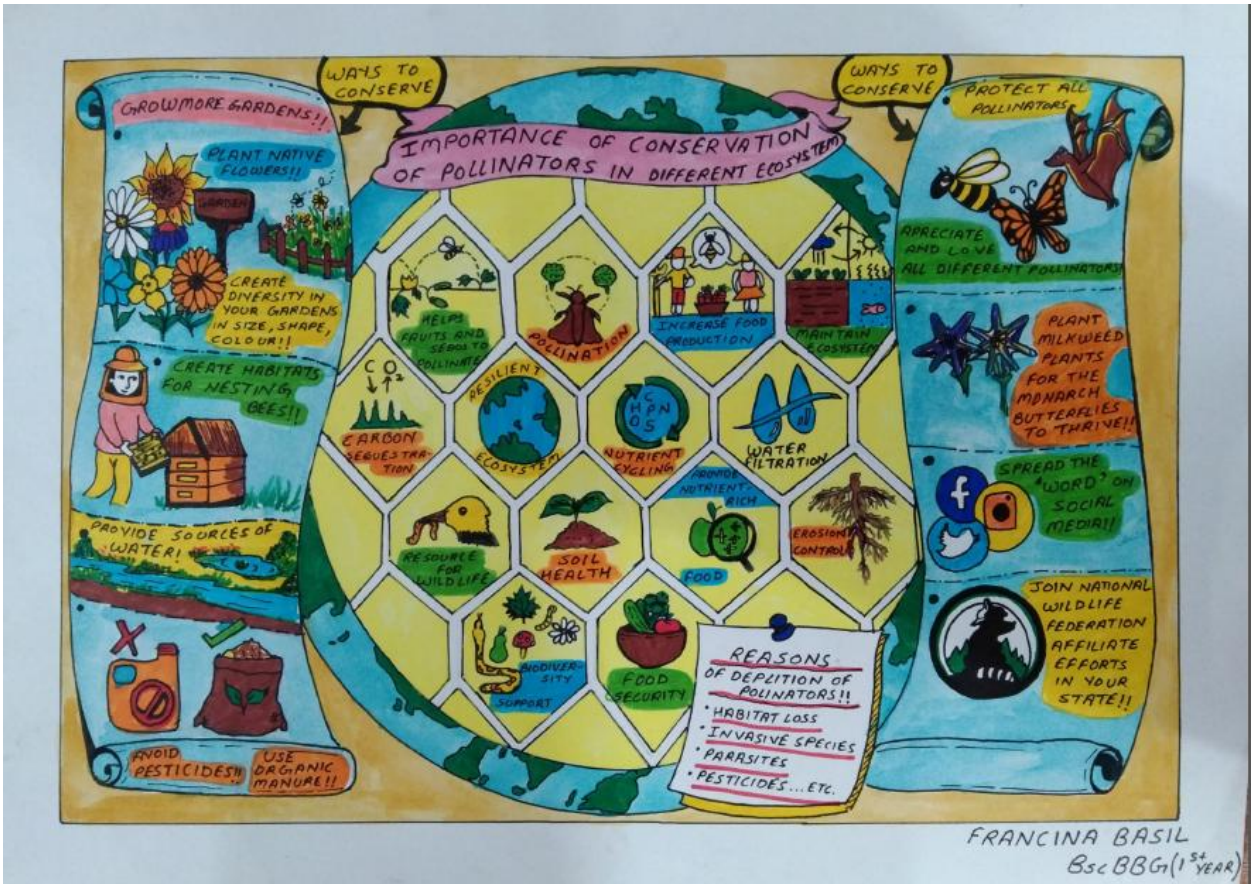
FOOD RESERVOIR

NO PESTICIDES

So, let our moto be: CONSERVE & PRESERVE

BY: SAYANHI GHOSH, 3RD YEAR, DEPARTMENT OF ZOOLOGY, BANGABASI MORNING COLLEGE, WB

Ms. Sayanhi Ghosh, Bangabasi Morning College, West Bengal



Ms. Francina Basil, Kristu Jayanti College, Karnataka

IMPORTANCE OF CONSERVATION OF THE POLLINATORS IN DIFFERENT ECOSYSTEMS

Good Morning!
Today's topic → Importance of conservation of Pollinators in different Ecosystems.
As kids of all, we need to learn about the importance of Pollinators.
Do you know pollinators and flowers are BFF.

Students, you know... The pollinators contribute to 1 of every 3 bites of food you eat.

Let's read what are the benefits of pollinators.

Students! Let's learn about the different ways, we can conserve the pollinators.

POLLINATORS are vital to creating and maintaining the habitats and ecosystems that many animals rely on for food and shelter.
Pollinators support healthy ecosystems that clean the air, stabilize soils, protect us from severe weather.

FLOWERS + BEES: BFF
We bees need flowers for food and drink and plants need us to move their pollen from one flower to other flowers so they can reproduce.

PROTECT US

Bees pollinate 70 of the 100 crops that feed 90% of humans.

THIS MEAL IS BROUGHT TO YOU BY THE FOLLOWING POLLINATORS
Pollinators are responsible for 70% of the food you eat.

- Bees pollinate grapes, bananas, kiwi, peaches, watermelon.
- Bees pollinate coffee and fruits for yogurt.
- Flies pollinate the cash nut.
- Beetles pollinate Pomegranate.
- Moths pollinate bananas.
- Ants pollinate mango.
- Butterflies pollinate nuts for muffins.

Benefits of Pollinators

- Help 70% of crops producing fresh fruits, flowers to pollinate.
- Increase Biodiversity.
- Increase Food Production.
- Provide micronutrients with foods.
- Main Ecologists.

Plant in clumps rather than single plants and also plant variety of flowers of various colors and shapes to attract the pollinators. TELL ME MORE WAYS STUDENTS	MORE CONSERVATION OF POLLINATORS... Protect natural habitat.	Reduce pesticides use.	Learn more about pollinators by planting the use of native plants. Use native insecticides to protect.
Improve visibility of crop and habitat to attract pollinators.	Quantity and diversity of public awareness of many kinds of emerging pollinators.	Improve breeding of pollinators and identify other kinds of pollinators.	

MADE BY
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