

## U P STATE BIODIVERSITY BOARD, LUCKNOW

# BIODIV NEWS



**Vol.: 11, Issue: 42, Jan. – Mar. 2020, A Quarterly e-Newsletter**

### Editorial

#### Dear Readers,

Wishing you all a very happy and prosperous New Year 2020!

In this quarter, World Wetland Day was celebrated on 2<sup>nd</sup> February 2020. The programme aimed at creating awareness for the wetland conservation among the students of schools and colleges and local people of the Uttar Pradesh.

Like previous years, Uttar Pradesh State Biodiversity Board in collaboration with Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow celebrated Butterfly and Sparrow week from 14th March 2020 (Butterfly Day) to 20th March 2020 (Sparrow Day). Online competitions events like: poster, poem, collage, photography, essay, slogan, and power point presentation were also organized on this occasion.

Besides, a mass awareness car campaign from 15 to 19 March 2020 in Etaunja village of Lucknow was also organized.

Your comments, suggestions to improve this issue are most welcome at [upstatebiodiversityboard@gmail.com](mailto:upstatebiodiversityboard@gmail.com).

**Editor**

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## 1- World Wetlands Day, 02nd Feb, 2020

Wetlands deserve to be loved! It also marks the date of adoption of the Ramsar Convention on Wetlands in 1971, in the Iranian city of Ramsar. World Wetlands Day was celebrated for the first time in 1997 and is celebrated every year on 2 February. The theme of this year was “*Wetlands and Biodiversity*”.

**World  
Wetlands Day**  
2 February 2020  
Wetlands and biodiversity



The U.P. State Biodiversity Board celebrated **World Wetland Day on 2<sup>nd</sup> February, 2020** in collaboration with Biodiversity and Wildlife Conservation Lab, Department of Zoology and University of Lucknow. On the occasion, a field visit to Nawabganj Bird Sanctuary was organized, more than 100 students participated in the wetlands field visit. During the field visit, students learned about the wetlands, its biodiversity and prepared a checklist of water birds of Nawabganj Bird Sanctuary. The publicity materials like pamphlets and flyers based on wetlands conservation were also distributed among the students.

## WORLD WETLANDS DAY

2<sup>ND</sup> FEBRUARY 2020

### Programme Schedule

S.N	Date	Events	Group	Duration/ Time
1	02-02-2020	Field Visit to Nawabganj Bird Sanctuary, Unnao (only two students from each school)	Class 5 <sup>th</sup> to 12 <sup>th</sup> Undergraduate and Postgraduate students (only two students from each school)	7:00 am-4:00 pm
2	04-02-2020	WORKSHOP ON- “ <i>Wetlands and Biodiversity</i> ”	Class 5 <sup>th</sup> to 12 <sup>th</sup> Undergraduate and Postgraduate students	
		<b>Dr. Rajesh Prakash Chaube</b> Ornithologist Lucknow	Diversity of Water birds	10:00 am-12:00pm
		<b>Dr. Sitaram Taigor</b> Environmental Specialist-Ganga State Mission for Clean Ganga-Uttar Pradesh Lucknow- 226010 Uttar Pradesh	Wetlands Conservation and Management	12:00 pm -2:00pm
		<b>Dr. Venkatesh Dutta</b> Associate Professor School of Environmental Sciences Babasaheb Bhimrao Ambedkar (Central) University, Lucknow	Conservation of wetlands in reference to ground water	2:00 pm -4:00pm

VENUE- AT INSTITUTE OF WILDLIFE SCIENCES, 2<sup>ND</sup> FLOOR, ONGC CENTER FOR ADVANCED STUDIES, GATE NO. 5, UNIVERSITY OF LUCKNOW.

**GLIMPSES OF AWARENESS CAMPAIGN ORGANIZED**



**Participants at Nawabganj Bird Sanctuary, Unnao**



**Participants during water bird's census: identification and observation**



**An awareness stall was also organized at Soor Sarovar Bird Sanctuary, Agra on the occasion of World Wetlands Day and UP Bird Festival 2020**

On the occasion of World Wetland Day, a workshop was also organized on 4<sup>th</sup> February 2020. Approx. **80 students** from more than **15 schools**, Colleges and Universities participated in the workshop. During the workshop Ornithologist from Lucknow Dr. Rajesh Prakash Chaube delivered a lecture on **“Diversity of Water birds”**. In his presentation, he focused on importance of wetlands in survival of water birds.

In the series of lecture, lecture on **“Conservation of wetlands in reference to ground water”** was also delivered by Dr. Venkatesh Dutta, Associate Professor, School of Environmental Sciences, Babashaeb Bhimrao Ambedkar (Central) University, Lucknow.



**Participants attending the workshop**



**Lecture delivered by Dr. Rajesh Prakash Chaube and Prof. Amita Kanaujia on Wetlands Biodiversity and Conservation**

## 2- World Sparrow and Butterfly Week 2020 (March 14-20, 2020)

The diminutive house sparrow (*Passer domesticus*) is perhaps one of the earliest birds you can remember from your childhood. Their nests dotted almost every house in the neighborhood as well as public places like bus bays and railway stations, where they lived in colonies and survived on food grains and tiny worms. Many bird watchers and ornithologists recall with fondness how the house sparrow gave flight to their passion for observing birds. The association between humans and the house sparrow dates back to several centuries and no other bird has been associated with humans on a daily basis like the house sparrow. It is a bird that evokes fond memories and has thus found mention in folklore and songs from time immemorial.



World Sparrow Day provides a platform where people who are working on the conservation of the House Sparrow and other common birds can network, collaborate and exchange conservation ideas which will lead to better science and improved results.

It aims to provide a meeting ground for people from different parts of the world to come together and form a force that can play an important role in advocacy and in spreading the awareness on the need of conserving common biodiversity or species of lower conservation status.

U P State Biodiversity Board Lucknow in collaboration with Institute for Wildlife Sciences, University of Lucknow, CEE Lucknow, TSA, India, Butterfly Research Center, Bhimtal and Uttar Pradesh Forests Department celebrated Butterfly and Sparrow week from 14th March (Butterfly Day) to 20th March (Sparrow Day). Various online competitions/ events were organized this time like: poster, poem, collage, photography, essay, slogan, and power point presentation.

Besides, a mass awareness car campaign from 15 to 19 March 2020 in Etaunja village of Lucknow was also organized. The teams of 4 to 5 volunteers like Ruchira Nigam, Anuj Tripathi, etc. went in rural areas. Common people and volunteers were appealed to count the sparrow on 15th March 2020.

## SOME FACTS ABOUT SPARROW

**हमारी लकी और प्यारी गौरैया**

***Passer domesticus***

वर्गीकरण

Phylum : Chordata  
Class : Aves  
Order : Passeriforms  
Family : Passeridae



उत्तर प्रदेश राज्य वैज्ञानिक बोर्ड  
लखनऊ

उत्तर प्रदेश राज्य  
वैज्ञानिक बोर्ड  
लखनऊ

### संरक्षण

- घर, दुकानों व पेड़ों पर बने घोंसलों का संरक्षण व खाने व पानी की व्यवस्था।
- अपने बगीचों में चिड़ियों के रहने के लिए घर की व्यवस्था करनी चाहिए।
- शिक्षा के माध्यम से लोगों में इसके बचाव के लिए जागरूकता लाये।
- शिव गौरैया दिवस मनाये।
- प्रजनन के समय अण्डों यानी कि घोंसलों की सुरक्षा व दाने पानी की उचित व्यवस्था।
- कीट-नाशकों के प्रयोग पर रोक लगाये।

### गौरैया की भारत में पायी जाने वाली पाँच प्रजातियाँ

- *Passer hispaniolensis* (Spanish Sparrow)
- *Passer pyrrhonotus* (Sind Sparrow)
- *Passer rutilans* (Russet Sparrow)
- *Passer montanus* (Eurasian Tree Sparrow)
- *Passer domesticus* (House Sparrow)

### Passer domesticus की 3 उप प्रजातियाँ हैं।

- *Passer domesticus indicus*
- *Passer domesticus parkini*
- *Passer domesticus bactrianus*



Passer hispaniolensis (Spanish Sparrow)



Passer pyrrhonotus (Sind Sparrow)



Passer rutilans (Russet Sparrow)



Passer montanus (Eurasian Tree Sparrow)



Passer domesticus indicus

Passer domesticus parkini

Passer domesticus bactrianus

### हमारे प्रयास :

#### 3 प्रकार के घोंसलों की स्थापना

- लकड़ी के घोंसले
- पत्ती के घोंसले
- मट्टी के घोंसले



### गौरियों के भोजन के विभिन्न प्रकार :



### गौरियाँ ऐसे पेड़ों को पसंद करती हैं

बबूल (*Babul nilotica*), कोर (*Thevetia peruviana*), दिसंबर (*Zizyphus mauritiana*), नींदू, अमरुद, अनार, शरीफा, बोटाल ब्रश, चांदनी, चमेली (*Jasminum officinale*), मेहेंदी, *Bougainvillea*, मधु, मालती और हांस के पेड़।



उत्तर प्रदेश राज्य  
वैज्ञानिक बोर्ड  
लखनऊ  
karanja.anu@gmail.com  
wikilifeconservation.ku@gmail.com

उत्तर प्रदेश राज्य  
वैज्ञानिक बोर्ड  
लखनऊ  
upsrabiociversityboard@gmail.com



## SOME INTERESTING FACTS ABOUT BUTTERFLIES

**The Peacocks** are the most beautiful Indian Butterflies and **Yellow coster** is the ugliest Indian Butterfly.

**The Southern Birdwing** is the Largest Indian Butterfly while **Lesser Grass Jewel** is the smallest.

**Plain Tiger** is the only Indian butterfly that can kill humans.

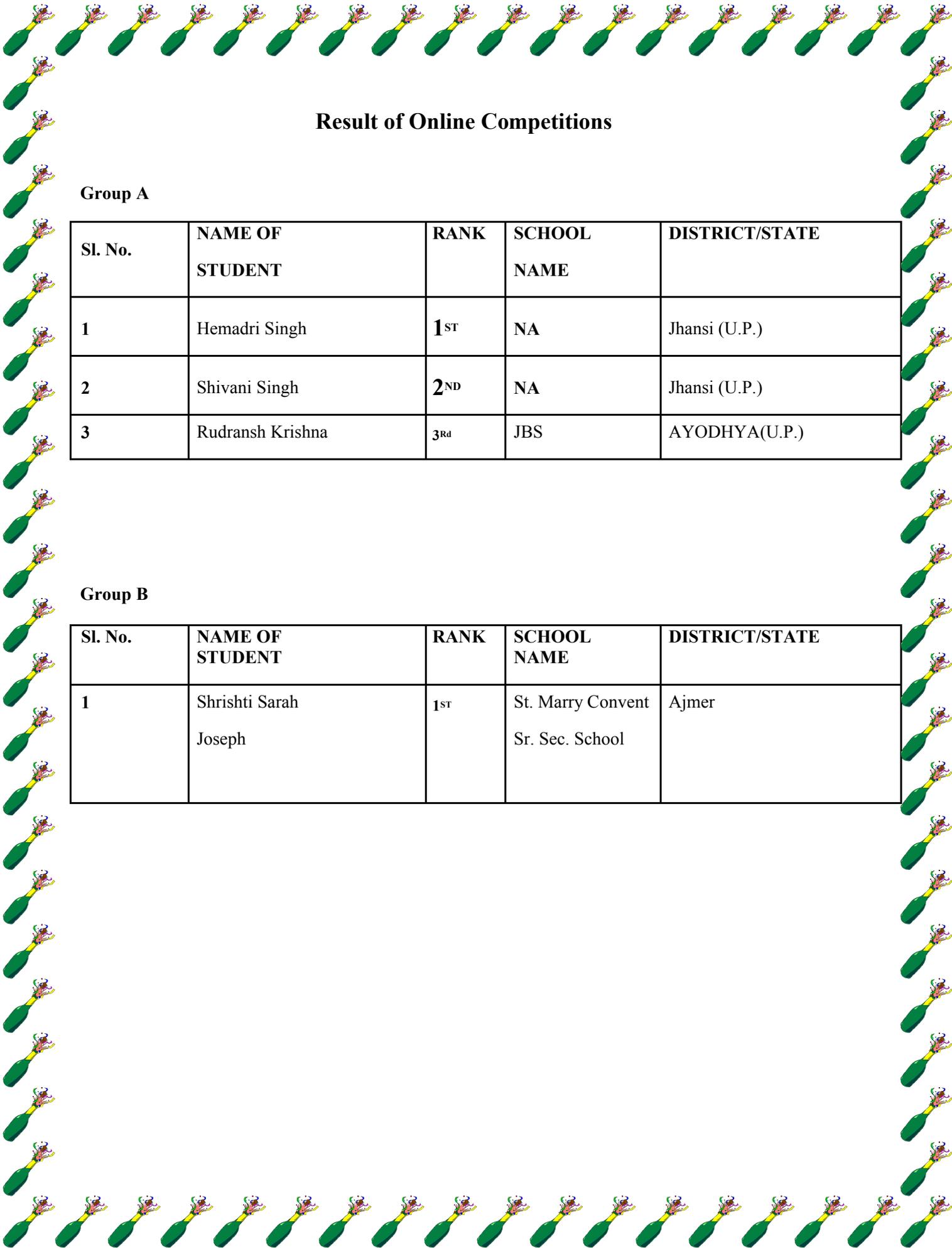
**Brimstone butterflies** live for 10 months

The name "**Butterfly**" has been derived from the Brimstone butterflies or butter colored fly by early british naturalists.

**Atlas moths, Oakleaves, Owl butterflies and Penguin butterflies** have remarkable passive defense coloration.

**Butterflies taste with their feet and breathe with the openings on their abdomen called spiracles**





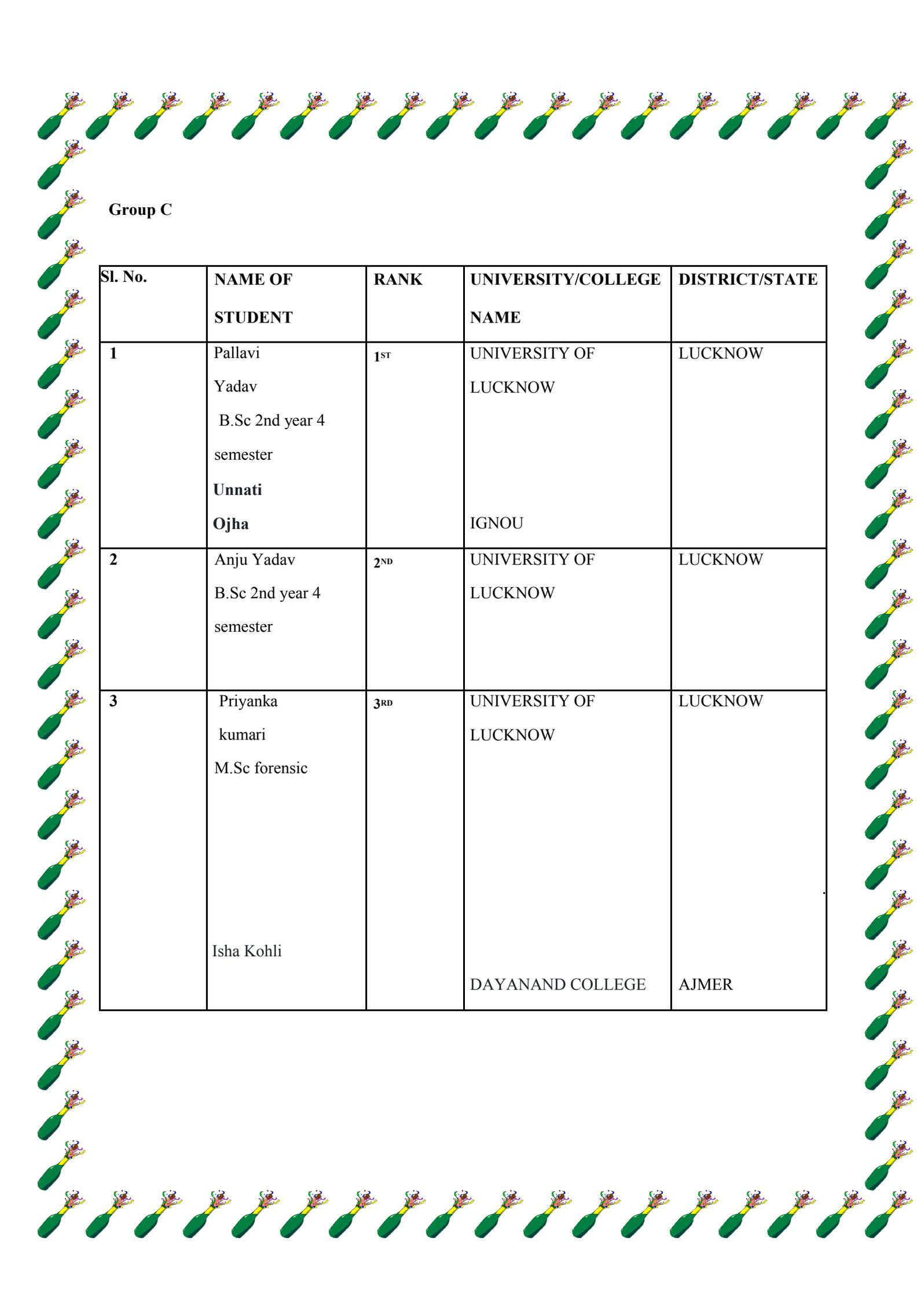
## Result of Online Competitions

### Group A

Sl. No.	NAME OF STUDENT	RANK	SCHOOL NAME	DISTRICT/STATE
1	Hemadri Singh	1 <sup>ST</sup>	NA	Jhansi (U.P.)
2	Shivani Singh	2 <sup>ND</sup>	NA	Jhansi (U.P.)
3	Rudransh Krishna	3 <sup>RD</sup>	JBS	AYODHYA(U.P.)

### Group B

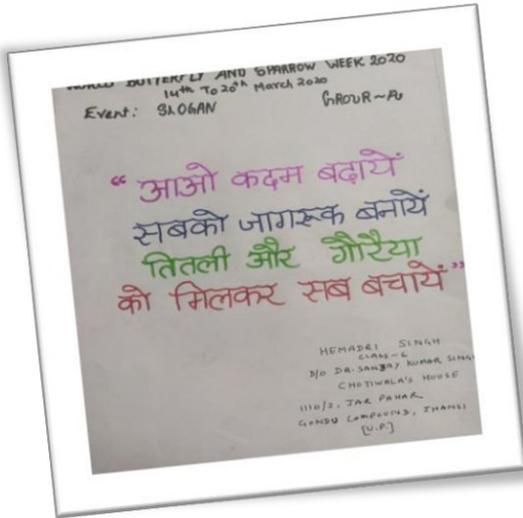
Sl. No.	NAME OF STUDENT	RANK	SCHOOL NAME	DISTRICT/STATE
1	Shrishti Sarah Joseph	1 <sup>ST</sup>	St. Marry Convent Sr. Sec. School	Ajmer



**Group C**

Sl. No.	NAME OF STUDENT	RANK	UNIVERSITY/COLLEGE NAME	DISTRICT/STATE
1	Pallavi Yadav B.Sc 2nd year 4 semester Unnati Ojha	1 <sup>ST</sup>	UNIVERSITY OF LUCKNOW  IGNOU	LUCKNOW
2	Anju Yadav B.Sc 2nd year 4 semester	2 <sup>ND</sup>	UNIVERSITY OF LUCKNOW	LUCKNOW
3	Priyanka kumari M.Sc forensic  Isha Kohli	3 <sup>RD</sup>	UNIVERSITY OF LUCKNOW  DAYANAND COLLEGE	LUCKNOW  AJMER

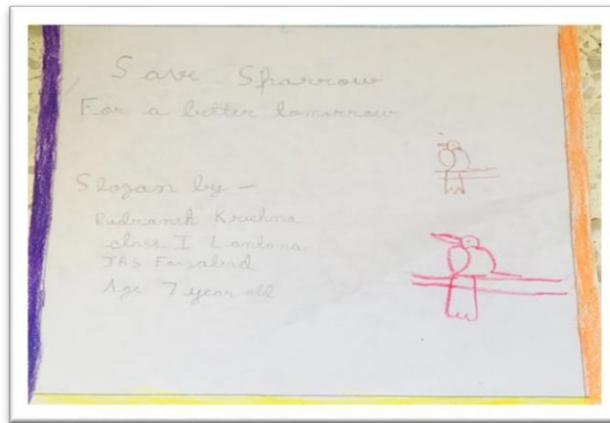
Group-A



By Hemadri Singh



By Shivani Singh



By Rudransh Krishna



**By Adit Singh, Red Rose School**



**By Adit Singh, Red Rose School**

*Group-B*



**By Shrishti Sarah Joseph**

Group-C

Butterfly & Sparrow

**World Sparrow Day 20th March**

**Steps to save :**

- Help sparrows in summer by putting water pots.
- Provide grains on the top of the roof.
- Celebrate World Sparrow Day on 20th March.
- Adopt a nest box and bird feeder or hang handmade wooden box.
- We could spread awareness by sending messages.
- Oppose to use pesticides in parks and gardens.

Made by Pallavi Yadav, Class - B. Sc. ,2nd year, Semester -4, UNIVERSITY OF LUCKNOW.

By Pallavi Yadav

**WORLD SPARROW DAY 20th MARCH**

Today is World Sparrow Day.....  
Sparrow is on the verge of extinction, so do something and create awareness among society.  
My humble request to all of you is that we keep water, seeds, wheat on ground and on roof of top for sparrows and all birds for their hunger in summers.

Presented  
by  
PALLAVI YADAV  
B. Sc 2nd year Sem-4  
UNIVERSITY OF LUCKNOW.

**World Sparrow Day 20th March**

God loved the sparrows and created trees.  
Humans loved the sparrows and created cages ....

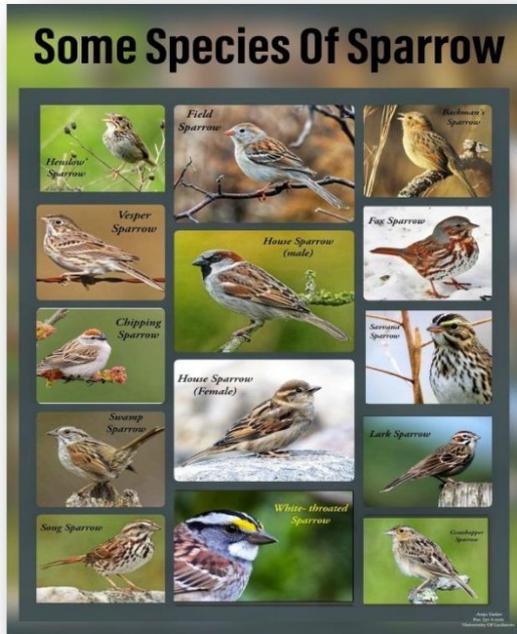
-Pallavi Yadav

By Pallavi Yadav



By Unnati Ojha

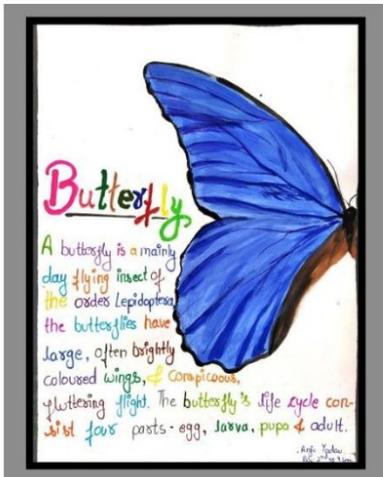
Group-C



By Anju Yadav



By Anju Yadav



By Anju Yadav

Group-C  
Butterfly & Sparrow



By Priyanka Kumari



By Priyanka Kumari



By Priyanka Kumari



By Isha Kohli

## Online Lecture

Prof. Amita Kanaujia delivered lectures to the school students regarding general morphology of butterflies and sparrows, their behavior, importance and conservational requirements of Sparrows and Butterflies.



## Prof Amita Kanaujia delivered a Lecture on Sparrow and Butterfly

## Car Campaign

An awareness car was inaugurated and driven from 15 to 19 March 2020 in Etaunja village of Lucknow, under the supervision of Prof. Amita Kanaujia along the teams of 5 volunteers like Ruchira Nigam, AnujTripathi, Amir Rehman, santulkumar, Rakiya Umar, Arshita Jain etc. went in different directions of rural areas. A number of people from different sectors, including school students, got awared regarding butterflies and sparrows awareness and volunteers also appealed public to count the sparrow on 15<sup>th</sup> March 2020.

## Sparrow and Butterfly Awareness Car inauguration



**Distribution of Sparrow nest box, sparrow host plants, water pot and feed among the common mass**





## Media Coverage

# लखनऊ में लगातार बढ़ रही है गौरैया की संख्या



अच्छी खबर

ये है हाल

लखनऊ | तरिष्ठ संवाददाता

वर्ष गौरैया की संख्या

20 मार्च को हर साल गौरैया संरक्षण दिवस मनाया जाता है। लखनऊ विवि के प्राणि विज्ञान विभाग की प्रोफेसर डॉ. अमिता कर्नौजिया ने बताया कि छह सालों में गौरैया की संख्या चार गुना बढ़ गई है।

2013 में केवल 2503 पक्षियों की संख्या दर्ज की गई थी। साल दर साल हमने संख्या में सकारात्मक बढ़ोत्तरी दर्ज की। यूपी में गौरैया की तीन प्रजातियां पाई जाती हैं जिनमें पासेर डोमेस्टिकस, इंडिकस पासेर, डोमेस्टिकस बैक्ट्रीएनस, पासेर डोमेस्टिकस पार्किन्सि शामिल हैं। स्टेट ऑफ इंडिया बर्ड्स 2020 रिपोर्ट में कहा गया है कि गौरैया की स्थिति लगभग स्थिर है।

यूपी में गौरैया की स्थिति पर शोध

वर्ष	गौरैया की संख्या
2014	3362
2015	5637
2016	6036
2017	7074
2018	8654
2019	11575
2020	16324

कर चुके डॉ. अखिलेश कुमार ने बताया कि घरों में कंकरीट ढांचा बढ़ने से पक्षी नहीं आते पर आप मिट्टी के बरतन में चावल, बाजरा, काकून और इन सभी का मिश्रण रख सकते हैं। हमारे शोध में ये निकर्ष निकल कर आये थे कि गौरैया सर्दियों में बाजरा और गर्मियों में काकून खाता पसंद करती है। एक बरतन में पानी भी भर कर रखें, इससे चिड़िया फिर एक बार आपके आंगन में फुदकने लगेगी।

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## राजाजीपुरम में दिखा विलुप्त हो चुका जंगली उल्लू, हट्टुद से लेकर धनेश पक्षी तक की वापसी

### गायब हो चुके परिटै फिर शहर में दिखने लगे

लखनऊ | अतीथ विद्यार्थी

लखनऊ में इंसान घरों में सिमटे, प्रदूषण को परत हटी तो परिटै को भी आने हिस्से के असमान में रख फैलाने का मौका मिल गया। शांत वातावरण के नियुक्तों का रुख कर चुके परिटै साहजिक लौट आए हैं। लखनऊ के विभिन्न स्थानों को टैम ने ऐसे बर्ड परिटै को मौजूदगी दर्ज की है।

लखनऊ के बननीच विरोध डॉ. अमिता कर्नौजिया ने बताया कि परिटै अक्लेट (जंगली उल्लू) विलुप्तप्राय पक्षी घोषित हो चुका है। अगर कुछ दिन पहले इसे राजाजीपुरम में देखा गया। उनका



राजाजीपुरम में दिखा फर्स्ट ऑब्सेर्व की प्रजाति का पक्षी: चालू फोटो



शहर की गलियों पर हट्टुद भी दिखने लगे हैं: चालू फोटो

आपको दिखे नया पक्षी तो साझा करें  
अगर भी कोई नया पक्षी दिखे तो उसकी फोटो उपर यात्रा जैवविविधता बोर्ड में साझा करें। ईमेल खर: [upstatebiodiversityboard@gmail.com](mailto:upstatebiodiversityboard@gmail.com)

कहना है कि यह बर्ड बायो है, क्योंकि भारत में यह आमतौर पर पन्ना के इलाकों में नजर आता है। इसके अलावा हट्टुद, धनेश पक्षी, मैना, बैक मैना आदि भी फिर से दिख रहे हैं। लखनऊ में भी ऐसे कई

पक्षी देखने को मिल रहे हैं। उप राज्य जैवविविधता बोर्ड के संचय रमेश पांडेय ने बताया कि प्रदूषण घटने का सबसे ज्यादा असर प्रकृति पर दिख रहा है। पक्षी बड़ी संख्या में प्रजनन कर रहे हैं,

उन्में रेड विस्कर्ट बुलबुल, रेड नेट बुलबुल, पॉलिन सनबर्ड, चित्तीदार कस्तूर आदि प्रमुख हैं। संचय रमेश पांडेय ने बताया कि दुनिया की विज्ञानियों को खास प्रजातियों को अब दिख रहे हैं।

## फर चहक उठा आगन

लखनऊ | अतीथ विद्यार्थी

लखनऊ में आगन में फर चहक उठा है। राजाजीपुरम में दिखे हुए पक्षी को लेकर धनेश पक्षी तक की वापसी गायाब हो चुके परिटै फिर शहर में दिखने लगे



## प्यार से लौटी प्यारी चिरैया

लखनऊ में प्यार से लौटी प्यारी चिरैया का परिवार में बढ़ने लगा है। शहर की गलियों में दिखने लगे पक्षी को लेकर धनेश पक्षी तक की वापसी गायाब हो चुके परिटै फिर शहर में दिखने लगे

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## Editorial Board

Ramesh Kumar Pandey, IFS, UPSBB, Lucknow;  
Dr. Somesh Gupta, UPSBB, Lucknow;  
K. K. Tiwari, UPSBB, Lucknow.