

# Studies in Review on Biodiversity of Kashmir

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## ABSTRACT

The term biodiversity means the wealth present on the surface of earth.

Kashmir is rich in the cultural diversity of the people and as well as the diversity of flora and fauna. The term biodiversity or Kashmir biodiversity means the wealth of Kashmir. It includes information, identification, variation, classification, nomenclature and uniqueness of particular organisms like animals, plants, reptiles and micro-organisms that survive in the region of Kashmir. Kashmir is blessed with rich folk culture. It has wide variety of traditional songs and Kashmiri folklore is famous.

The flora of Kashmir Himalaya includes about the 3053 species.

## INTRODUCTION

We are aware about the beauty of Kashmir, also called as heaven of India. It is located at the northern most side of our subcontinent. Before it was known as vale of Kashmir which means valley of Kashmir, the valley lies between the great Himalayas and the Pir range Panjal range. A biodiversity includes great variety of fauna and flora is found over there. One of the famous flora found there is Kesar (crocus sativus) and fauna is hangul (cervus elaphus hanglu) and mule. Many reptiles and micro-organisms are abundantly found. Also Kashmir is famous for lakes, rivers, glaciers and many water resources. Some of the lakes and rivers flowing through Kashmir from the mountains of Himalayas are Jhelum, Chenab, Ravi and Suttlej and many more. And in this research paper I have studied about the biodiversity and nature of Kashmir.

Floristic diversity

Floristic diversity of Kashmir includes medicinal plants, ornamental plants, herbs, shrubs and trees.

## MEDICINAL PLANT

Scientific name	Common name	family	region	uses
<i>Crocus sativus</i>	Kesar	Iridaceae	Srinagar	1. powerful antioxidants 2. cancer fighting property 3. Improve mood
<i>Rosa webbiana</i>	Gulab	rosaceae	North in jammu	1. cough and cold
<i>Taraxacum officinale</i>	Hand	asteraceae	In parks, mountain slopes	1. back pain 2. common cold 3. chest infection
<i>Berberis lyceum</i>	Kawdach	Berberidaceae	South in Himalayan	1. indigestion 2. constipation
<i>Euphorbia helioscopia</i>	Gandi booti	euphorbiaceae	Wart spurge	1. abdominal cramps 2. cholera 3. eruptions

## ORNAMENTAL PLANTS

Scientific name	Common name	Family
<i>Chrysanthemum segetum</i>	chandra mallika	compositae
<i>Cosmos bipinnatus</i>	cosmos	compositae
<i>Aster novi-belgii</i>	star flower	compositae
<i>Celosia plumosa</i>	celosia	amaranthaceae

**HERBS**

Scientific name	Family
<i>Pteris cretica L.</i>	pteridaceae
<i>Pteris vittata L.</i>	pteridaceae
<i>Rumex acetosa L.</i>	polygonaceae
<i>Verbascum thapsus L.</i>	scrophulariaceae

**SHRUBS**

Scientific name	Family
Rubus ellipticus smith	rosaceae
Fragaria indica	rosaceae
Berberis ceratophylla g.don	berberidaceae
Viburnum continifolium d.don	caprifoliaceae

One of the most important Floristic diversity  
PLANT –



Kesar (*Crocus sativus*)

- Kesar is made up of Saffron, saffron is a spice which is very powerful and highly anti-oxidant.
- It has great importance in various field but especially it is very useful in medicine. Kesar help to prevent our body cells against to oxidative strain.
- A small amount of Kesar has a great test and fragrance in several dishes.
- It may decrease chances of heart disease, improves the memory in adults and middle-age people and also improve eyesight in old people.
- It also lower blood-sugar level and improve insulin sensitivity, it also helps to lose weight.
- Smelling and intake of Kesar appears to help or treat PMS(Premenstrual Syndrome) is called to describe emotional, psychological, physical, mental occurring before the start of menstrual period .It also helps pain, cravings, headache, and irritability.

**ONE IMPORTANT FAUNAL DIVERSITY**

ANIMAL – Khechar (mule)



Khechar is generally called as mule, so mule is the mating( hybridization)which is made up of between male donkey and female horse. These two species are totally different from each other and different in chromosome numbers.

Scientific classification

Kingdom: Animalia

Phylum:- Chordata

Class:- Mammalia

Order :- Perissodactyla

Family:- Equidae

Genus:- Equus

Species:- E.asinus (male)\* E.caballus (female).

## **USES OF MULE**

Mules are useful to humans in various manner such as riding or pack animals .This mules has been breed by humans for their use in regular life. The mule's body type is totally depended on breed of mare and jack used in transportation of people on the Mata Vaishno -Devi track and goods.

## **CONCLUSION**

Kashmir has rich variety of flora and fauna. In this research paper I have studied its biodiversity hence, I concluded that Kashmir the has one of the most species and as well as fauna. We should take respective measures in order to consume them as in future it may not go extinct.

## **REFERENCES**

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