

Types Of Bird Migration

➤ Migration may be :

1. Latitudinal
2. Longitudinal
3. Altitudinal or Vertical
4. Partial
5. Total
6. Vagrant or Irregular
7. Seasonal
8. Diurnal
9. Nocturnal

Latitudinal migration

- The latitudinal migration usually means the means the movement from north to south and vice versa.
- Cuckoo breeds in India and spends the summer at south-east Africa and thus covers a distance of about 7250km.
- Some tropical birds migrate during rainy season to the outer tropics to breed and return to the central tropics in dry season.
- Puffinus (great shearwater) breeds on small islands and migrates as far as Greenland in may and returns few months.

Latitudinal migration

- Penguins migrate by swimming and cover a considerable distance of few hundred



Longitudinal migration

- The longitudinal migration occurs when the birds migrate from east to west and vice versa. Starlings (*Sturnus vulgaris*), a resident of east Europe and west Asia migrate towards the Atlantic coast. California gulls, a resident and breed in Utah, migrate westward to winter in the Pacific coast.



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