

Are they aware of fluid geographical location? Do they rely on simple compass sense for their replacement if belated by wind or other factors.

Experiments regarding these problems have yielding and yielded perplexing results.

1.6] SIGNIFICANCE OF MIGRATION: →

1) ADVANTAGES: →

- 1) The birds achieve suitable place and season due to migration.
- 2) They remain safe from extreme warm & cold.
- 3) To reach warm place in cold season they can get long day time for search of food.
- 4) In these places they can get sufficient feed.

2) DISADVANTAGES: →

- 1) In restless long travel they feel fatigue. If they migrate crossing over the sea they dropped into the water & sink & die.
- 2) The birds die when collide to traps of electrical wires.
- 3) Smaller birds becomes prey to bigger birds.
- 4) Sudden change in climate, heavy rain, ice fall, stormy wind kill the birds.

18] CONCLUSION :->

It has been found enough facts within the past century but we have to think on several points as follows :-

- a) Migration in birds that seem to have no need for seasonal movement.
- b) The cause of varying lengths.
- c) The journey of different forms.
- d) The method of migration.

17] ORIGIN OF MIGRATION :->

The basic originating cause is still a matter of much speculation. The earliest followed the parents was given up because it was forced that the newly fledged young birds proceed the parents while travelling south in the fall.

16] GLACIAL EPOCH THEORY :->

This theory maintains that during pleistocene epoch northern hemisphere was covered by ice sheet with advancing glaciers birds were forced to south but come back when glaciers reduced.

But now this theory have been discarded because glaciation period have effected only to those birds which inhabited in the northern hemisphere.

2) SOUTHERN HOME THEORY : →

The most convincing theory explain the process of migration an evolutionary one. In the past tropical birds probably spread out in colder northern latitudes when food was abundant but were forced to south when inter came. A/c to William Rowan (migration scientist) the best explanation of present day movement of bird is provided by Lamarckism that acquired characters can be inherited.

