



# BIOLOGY

## BOOKS - PSEB

### BIODIVERSITY AND CONSERVATION

#### Exercise

1. Name the three Important components of biodiversity.



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2. How do ecologists estimate the total number of species present in the world?



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3. Give three hypotheses for explaining why tropics show greatest levels of species richness.



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4. What is the significance of the slope of regression in a species - area relationship?



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5. What are major causes of species losses in a geographical area ?



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6. Define biodiversity. How is biodiversity important for ecosystem functioning?



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7. What are sacred groves ? What is their role in conservation?



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8. The species diversity of plants (22 per cent) is much less than that of Animals (72 per cent). What could be the explanations to how animals achieved greater diversification?



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9. Can you think of a situation where we deliberately want to make a species extinct? How would you justify it?



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