The diagram illustrates the trend in ecosystem age from 1900 to 2016 for different regions:

- **Boreal 50°–90° N**: The ecosystem age remains relatively constant over time, showing a slight decrease.
- **Temperate 23°–50° N**: The ecosystem age decreases steadily over time.
- **Tropics 23° S–23° N**: The ecosystem age also decreases over time, but at a more rapid rate compared to the temperate region.

The lines represent the ecosystem age (in years) on the x-axis and the species diversity (S) on the y-axis. The trend suggests a decrease in ecosystem age and species diversity over time, particularly noticeable in the tropics region.