

SECTION 4 Questions 31–40

Complete the notes below.

Write **ONE WORD ONLY** for each answer.

Ocean Biodiversity

Biodiversity hotspots

- areas containing many different species
- important for locating targets for **31**
- at first only identified on land

Boris Worm, 2005

- identified hotspots for large ocean predators, e.g. sharks
- found that ocean hotspots:
 - were not always rich in **32**
 - had higher temperatures at the **33**
 - had sufficient **34** in the water

Lisa Ballance, 2007

- looked for hotspots for marine **35**
- found these were all located where ocean currents meet

Census of Marine Life

- found new ocean species living:
 - under the **36**
 - near volcanoes on the ocean floor

Global Marine Species Assessment

- want to list endangered ocean species, considering:
 - population size
 - geographical distribution
 - rate of **37**
- Aim: to assess 20,000 species and make a distribution **38** for each one

Recommendations to retain ocean biodiversity

- increase the number of ocean reserves
- establish **39** corridors (e.g. for turtles)
- reduce fishing quotas
- catch fish only for the purpose of **40**