Reading Analysis

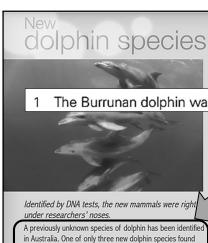
New dolphin species

1

False - Not given

NOT GIVEN = (at least) ONE key word is missing

- FALSE (NO) = ONLY one piece of information of the question is CONTRAST to the passage.
- NOT GIVEN = One/Some piece(s) of information is/are uncertain/missing.



since the 1800s, the Burrunan dolphin has been named

after an Australian Aboriginal phrase that means 'large sea

creature of the porpoise kind'. Only two populations have

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Indo-Pacific bottlenose. The results were so surprising that the team initially thought there was a mistake and reran the tests. As Kate Charlton-Robb, a marine biologist at Monash University, says: 'The main focus of our research was to figure out which of the two known bottlenose species these dolphins belonged to. But from the DNA sequences that we got, it turned out that they were very different from either

Keyword TYPE 1

1 The Burrunan dolphin was given its name by Australian Aborigines

and determined that Burrun have slight cranial differences that sets the dart. And there are other observable differences that sets the dart. And there are other observable difference that have a state of the dark, and unique colouring that includes and degrey and white.

dolphins escape researchers' notice for hysical variations in dolphins in south-eastern alia have been reported for decades, though the new tudy is the first to use multiple lines of evidence to make a strong case for a distinct species. In fact, the Burrunan dolphin was almost discovered as far back as 1915, when a biologist captured and examined two very different dolphins from Australian waters. Scientists at the time concluded that both the animals were common bottlenose dolphins, and that their differences were due to one being male and the other female. After reviewing the female dolphin's skeleton recently, though, Charlton-Robb's team determined she was a Burrunan.

Because so few individuals belonging to the new dolphin species have been identified, the research team has petitioned the Australian government to list the animals as endangered. 'Given the small size of the population,' Charlton-Robb says 'it's really crucial that we make an effort to protect them.'

Statement 1

3

The Burrunan dolphin was given its name by Australian Aborigines

A previously unknown species of dolpkin has been identified in Australia. One of only three new dolphin species found since the 1800s, the Burranan dolphin has been named after an Australian Aboriginal phrase that means 'large sea creature of the porpoise kind'. Only two populations have

⇒ The passage just tells us about the meaning of the name and there's not enough information to decide whether the name was given by Australian Aborigines or not.



**NOT GIVEN** 

1



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2 Both of the recently discovered populations of dolphins were found near urban areas.



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Statement 2

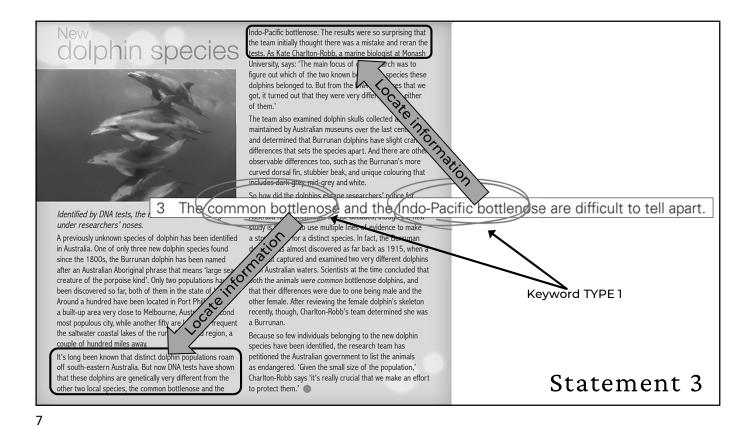
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=> Urban >< Rural





3 The common bottlenose and the indo-Pacific bottlenose are difficult to tell apart.

It's long been known that distinct dolphin populations roam off south-eastern Australia. But now DNA tests have shown that these dolphins are genetically very different from the other two local species, the <u>common bottlenose</u> and the <u>Indo-Pacific bottlenose</u>. The results were so surprising that the team initially thought there was a mistake and <u>reran</u> the tests. As Kate Charlton-Robb, a marine biologist at Monash

=> The passage just tells us about how these 2 species have different DNA ("genetically different") Burrunan ("distinct dolphin populations") and there's not enough information to decide about how SIMILAR they are to each other.

**NOT GIVEN** 



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University, says: 'The main focus of our research was to figure out which of the two known bottlenose species these dolphins belonged to. But from the DNA sequences that we got, it turned out that they were very different from either of them.'

The team also examined dolphin skulls collected and maintained by Australian museums over the last century, and determined that Burrunan dolphins have slight cranial differences that sets the species apart. And there are other observable differences too, such as the Burrunan's more curved dorsal fin, stubbier beak, and unique colouring that includes date and unique colouring that includes date are with orew and white.

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9

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## dolphin species



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13

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=>the female dolphin =/= both



