

組 ( ) 番号 ( ) 名前 ( ) 点

~ misunderstand the context of the investigation and make mistakes when collecting and organizing information. In other words, can citizen science be considered truly reliable?

Two recent studies show that it can. The first focused on volunteer knowledge and skills. In this study, a scientist asked volunteers to identify types of crabs along the Atlantic coast of the US. He found that almost all adult volunteers could perform the task and even third graders in elementary school had an 80% success rate. The second study compared professional and nonprofessional methods. Following a strict traditional procedure, a group of 12 scuba divers identified 106 species of fish in the Caribbean. Using a procedure designed by professionals to be more relaxed and enjoyable for volunteers, a second group of 12 divers spent the same amount of time in the same waters. Surprisingly, the second method was even more successful: this group identified a total of 137 species. Results like these suggest that research assisted by amateurs can be trusted when scientists organize it.

設問1 この段落で扱われているテーマを本文中から抜き出さない。(10)

設問2 procedure とほぼ同じ意味で使われている語を本文中から抜き出さない。(10)

procedure = ( )

設問3 そのテーマに関して、具体例が2つあります。それが具体例だと示唆する論理語を2つ○で囲みなさい。(20)

設問4 冒頭文、Two recent studies show that it can.の it とは具体的に何か? また can の直後に省略されている4語を書きなさい。(40)

it = ( )

Two recent studies show that it can ( ) ( ) ( ) ( ).

設問5 最も適当なものを1つ選んで○で囲みなさい。(20)

Why does the author emphasize an 80% success rate in this paragraph?

- (A) To contrast negatively with the adults' success rate
- (B) To demonstrate the high quality of the overall results
- (C) To emphasize how many types of crabs there are
- (D) To reveal the elementary student' lack of skills