



The table shows the estimates of when cichlid fish species first inhabited the crater lakes and when speciation occurred.

Crater lake	First inhabited / number of years ago	First speciation occurred / number of years ago
Apoyo	4700	3700
Xiloá	4300	2700

Describe how new cichlid species may have been formed in these four lakes and how the scientists would have determined that these cichlids were six different species.

Use the information in the question and your own knowledge to support your answer.

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