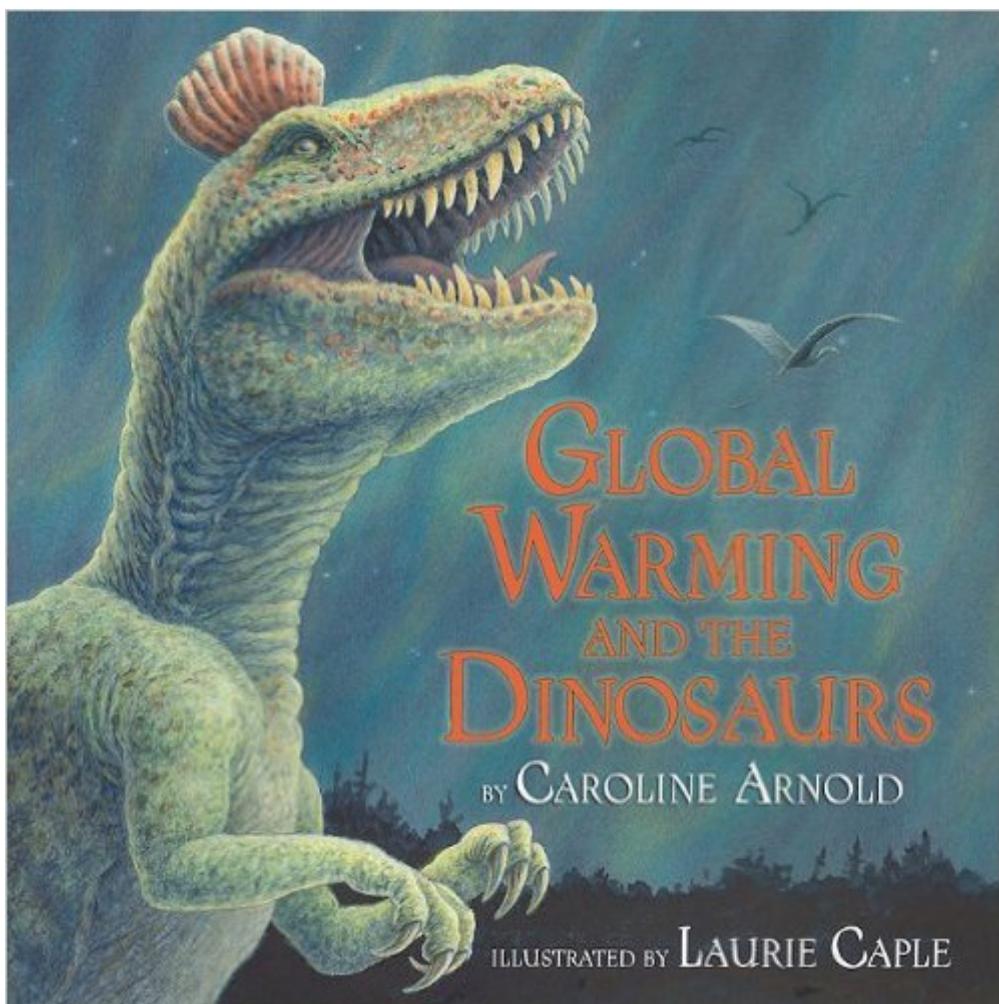


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# Global Warming And The Dinosaurs: Fossil Discoveries At The Poles



## **Synopsis**

Dinosaurs are usually pictured in warm, tropical environments, but fossils found at the poles are filling in the gap of knowledge about how and where these creatures lived. Evidence from bones and teeth to trackways and skin impressions raises important questions: How did dinosaurs cope with three months of total darkness in winter? What plants grew in the polar regions? How cold was it? What are the implications for today, as glaciers retreat, ice shelves melt, and permafrost thaws? The polar regions are a unique "library" of the past, and Caroline Arnold introduces readers to the gigantic prehistoric creatures that inhabited them.

## **Book Information**

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Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (3 customer reviews)

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Age Range: 10 - 12 years

Grade Level: 5 - 7

## **Customer Reviews**

When we think "dinosaur" few, if any of us, would even remotely place them in the polar regions. Between Norway and the North pole on the island of Spitsbergen, it was discovered that dinosaurs "not only survived within the polar circles, but were indeed adapted to live in these cold and seasonally hard environments." Traces in the form of fossils showed that the area supported the Allosaurus and the Iguanodon, dinosaurs that the young dino fan is very familiar with. During the Mesozoic Era, which included three different periods, the climate shifted and changed during which times "patterns of life [were] altered." There are challenges living in such a harsh climate. Snakes and lizards were incapable of living in the polar regions, but how did dinosaurs manage? You will

learn how they managed to keep warm, how they were able to see in the sunless winter months and you'll learn why the Toodon may have had such a large brain. Scientists aren't the only ones who have discovered fossils. Joan Wiffen was the "first to discover dinosaur fossils in New Zealand." In this book you will be able to take a 'round the world trip discovering fossils, and learning about the dinosaurs who inhabited the regions of Alaska, Siberia, Canada, Antarctica, Australia, New Zealand, and Patagonia. This was a very informative, well researched and one great book the more serious dino lover will enjoy. Polar paleontology is a topic that I haven't seen addressed in books for this age group. The illustrations are particularly complimentary because they show the dinosaurs in a habitat that we don't normally see in books. For example, a Hypsilophodontid can be seen in a wintry landscape with snowflakes swirling in the atmosphere. The captions give additional tidbits of information.

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