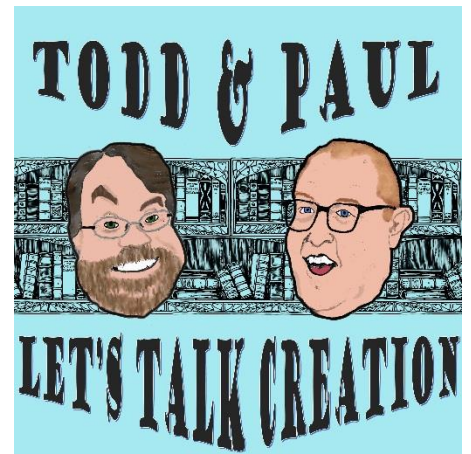


In this episode:

Exploring the Grand Canyon: Research on the Coconino Sandstone (feat. Dr. John Whitmore)







SUMMARY:

In this installment of Let's Talk Creation, join Todd and Paul as they talk to Dr. John Whitmore about his research on the Coconino Sandstone. What is the Coconino? How does it fit into a Flood model? To find out the answers to these questions and more tune in to this episode of the science podcast that's just for you!

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*Show Notes

1:10 Introduction: January Blues

2:16 Meet [Dr. John Whitmore](#) of [Cedarville University](#)

4:53 Dr. Whitmore's work on the [Green River Formation](#)

6:45 [International Conference on Creationism](#)

7:22 [The Heavens and the Earth](#) textbook

9:15 What is the Coconino Sandstone and why should we be interested?

11:38 Is the Coconino hard to identify as a layman? Is it easy to get to?

12:46 Coconino varies in thickness with lots of crossbedding. How does this happen?

17:21 The work of Edwin McKee on the Coconino

20:02 Conclusion of Coconino being desert deposit has become standard. How Dr. Whitmore sought to approach this problem

29:15 The difficulty of examining thin sections of rock

30:04 How do the size of the sand grains and sorting of sand grains give clues as to how the Coconino formed?

32:57 What is feldspar and mica? What experiments were done to give further insight into how the Coconino formed?

40:30 How do you measure cross-bed dips and what does that tell you?

45:20 What are the sand-filled cracks in the Grand Canyon?

54:21 What are the folds in Sedona and what is their significance?

58:28 What does the discovery of dolomite in the Coconino mean?

1:03:11 What lessons can be learned from this work on the Coconino?

1:05:35 What future research can be expected from Dr. Whitmore?

1:07:34 How to support the Podcast and how to contact Todd and Paul

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