I would like to personally thank you for watching the Origins television program. This show was special, near to the heart of my parents, Russ and Norma Bixler.

I trust that the information in this presentation will be helpful in your study of creation science. Thank you for your prayerful and financial support of Origins… you’re making the television production of this program possible!

Also available now a legacy website dedicated to my parents at russandnormabixler.com.

Paul R. Bixler
Producer/Editor
Now faith is confidence in what we hope for and assurance about what we do not see.

-Hebrews 11:1

Greetings and welcome to the Russ and Norma Bixler legacy website. Our family trusts that your visit today will provide strength, hope and encouragement to you.
OVERVIEW

• Mosasaur Biology
• Mosasaur in time and space
• Mosasaur extinction: Flood-caused?
Fully marine squamates (lizards)
GENERALIST PREDATORS
SPECIALIZATION: PURSUIT PREDATORS

Plotosaurus
SPECIALIZATION: DENTITION

Globidens
MOSASAUR BIOLOGY—LIVE BIRTH
OVERVIEW

• Mosasaur Biology
• Mosasaurs in time and space
• Mosasaurs extinction: Flood-caused?
WHERE ARE MOSASAURS FOUND
OVERVIEW

• Mosasaur Biology
• Mosasaur extinction: Flood-caused?
EXTINCTION: A CASE STUDY
NJ ROCK OUTCROPS
• Boundary clays
• K-Pg boundary, iridium spike
• Burrows (contain shocked quartz)
DISCUSSION

• Similar mosasaur faunas in East Coast and Maastricht
• No in-place mosasours above the K-Pg boundary
• Last appearance of mosasours is coincident with impact-derived materials
• No decline in mosasaur richness before the impact event
CONCLUSION

• Mosasaur extinction was not directly caused by Flood effects, even though it happened during the Flood.

• Effects of impact to blame:
  – “Nuclear winter”?  
  – Food chain collapse?
FUTURE QUESTIONS TO ADDRESS

• What other taxa affected by K-Pg event?
• Other Flood or post-Flood extinction events?
• Creationist biostratigraphy?