



HOW UNREAL IS the Geological Colum with its millions of years and evolution? Don't miss Joe and John; USA/Canada 5pm (Toronto time), UK Wednesday 10pm, Australia Thursday 7 am (Oz Eastern Time). On [SFT channel](#).

PRAY FOR TASSIE as Craig John and Diane minister there starting tonight through Sunday including the Creation Discovery Centre Opening. Details Craig Hawkins: hawkinsthe32@gmail.com

[OPEN DAY JURASSIC ARK](#) 24th September 10:30-2:30. Must register via info@creationresearch.net

NOTE: We can supply afternoon tea, but please bring your own lunch and drink.

WOW as Victorian visitors get to help erect our latest SPINOSAUR for Open Day



UK: Joe and Sara report a great crowd and great time with two teaching sessions each day and museum display at CEFN Lea Conference Centre. Pray for them.

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USA: Dr Glen Wilson and busload off to the Ark adventure and Bob Stewart leading Polystrate Fossil Tree trip in November.

Details: g_r_wilson11@hotmail.com

CANADA FIELD TRIP SUCCESSES to Niagara Glen, to Norland Quarry.

Contact Martin to get on trip near to you.



DONATIONS

YES PLEASE, as post Covid losses of homes and jobs amongst our supporters is hitting us hard so pray for us and help when you can.

SEAHORSE DADS BUILT FOR BIRTH. Seahorses and pipefish males carry developing babies in a brood pouch and give birth to live young. Scientists at Sydney University have studied the process of how males gave birth. They originally thought it would be like the female birth process in other vertebrates that give birth to live young, where the babies grow in a uterus that has layers of smooth muscle in its walls. When the young are ready to be born hormones stimulate the smooth muscle to contract and expel the babies. Smooth muscle, also known as “involuntary muscle,” is the muscle found in internal organs and is controlled by hormones as well as the nervous system. However, the research team found the seahorse brood pouch had very little smooth muscle, and did not respond to hormones that stimulate contractions. They then compared the muscle and bone anatomy of male and female seahorses and found that male seahorses had three bones near the pouch opening. These had robust skeletal muscles attached to them and were oriented so that contraction of the muscles controlled the opening of the pouch. The research team suggest that seahorse males give birth by contracting these muscles and bending their bodies. This combination of movements opens the brood pouch and expels the babies. The researchers wrote: “We propose that these muscles control the opening of the seahorse pouch, allowing seahorse fathers to consciously control the expulsion of their young at the end of pregnancy.” In an article in “The Conversation” they commented: “Our unexpected results suggest male seahorses use different mechanisms to give birth compared to female pregnant animals.” They went on to say: “Despite the similarities that male seahorses share with female mammals and reptiles during pregnancy, it seems seahorse fathers have a unique way of giving birth to their young.”

References: [ABC News](#) 2 September 2022; [The Conversation](#) 2 September 2022; *Placenta*, 6 August 2022, doi: 10.1016/j.placenta.2022.07.015

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ED. COM. These findings confirm the fact that seahorses are a unique kind of fish, with their own distinctive well designed structure and function. As such they are a challenge to the belief they evolved from a general fish ancestor, but confirmation of Genesis, which tells us that living creatures were created as fully functional separate kinds. All the evidence we have of studying living and fossil seahorses confirms they only reproduce after their kind, in their own distinctive way.

Creation Research has a connection with seahorses. The seahorses studied in the research described came from Seahorse Australia, a seahorse breeding facility run by our Tasmanian colleagues Craig and Rachelle Hawkins. Next to this is our Tasmanian creation museum. John Mackay and Diane Eager will be joining Craig for the official opening of the museum this weekend. Diane will be bringing three seahorse fossils to the museum. These were originally obtained by our UK colleague Joseph Hubbard, but they had to wait until they could be safely carried to Australia when Diane returned from a trip the UK earlier this year.



Did you miss this question?

Creationists use the word Kind, but never define it? What do you mean? Answer [here](#).

Useful Links from the Archives: [Oldest Fossil Seahorses](#), [Seahorse Shape Explained](#), [Square Tail Tale](#)

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