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**New dinosaur discoveries ruffle feathers**

Not every expert is happy that one of the big guys was shaggy, not scaly.

http://www2.macleans.ca/2012/05/14/new-dinosaur-discoveries-ruffle-feathers/#more-257831[1 Comment](http://www2.macleans.ca/2012/05/14/new-dinosaur-discoveries-ruffle-feathers/#disqus_thread)

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[WHAT IS THIS](http://www2.macleans.ca/2012/05/14/new-dinosaur-discoveries-ruffle-feathers/) ?

Here at Maclean's, we appreciate the written word. And we appreciate you, the reader. We are always looking for ways to create a better user experience for you and wanted to try out a new functionality that provides you with a reading experience in which the words and fonts take centre stage. We believe you'll appreciate the clean, white layout as you read our feature articles. But we don't want to force it on you and it's completely optional. Click "View in Clean Reading Mode" on any article if you want to try it out. Once there, you can click "Go back to regular view" at the top or bottom of the article to return to the regular layout.

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Brian Choo

Many dinosaur fans picture *Tyrannosaurus rex* as a massive, scaly, lumbering, upright monster. So, the recent discovery that he had a distant relative with feathers—the newly named *Yutyrannus huali*, or “beautiful feathered tyrant”—has left some experts disappointed. “Those of us who like our dinosaurs scaly appear to be frowned upon,” paleontologist Mark Wildman wrote on his blog, “as if we ought to rejoice that the dinosaurs are covered in fuzz and feathers. Well, that isn’t going to happen.”

Canadian paleontologist Corwin Sullivan, who was on the team that discovered *Y. huali* in northeastern China, says it was probably a “shaggy” dinosaur whose feathers provided insulation, “like walking around in a thick fur coat.” (Weighing 1½ tons, *Y. huali* is 40 times larger than the biggest previously known feathered dinosaur.) “We don’t know what colour they were, which is unfortunate,” Sullivan told *Maclean’s* from Beijing, where he’s an associate professor at the Institute of Vertebrate Paleontology and Paleoanthropology. “If they were brightly coloured, the feathers might have some role in display or attracting a mate.”

A massive, bright, feathery dinosaur is an exciting thought to some, but to others, it can be jarring. “I’m not that old, but when I grew up, it was all slow, dumb dinosaurs, dragging their tails, outwitted by the clever little mammals,” says Sean Bell, general manager of the T. rex Discovery Centre in Eastend, Sask. “Now, for young people, I don’t think the toys I had as a kid would make sense.” Our understanding of dinosaurs has changed immensely. We now see carnivorous theropod dinosaurs like T. rex as more “active and agile,” Sullivan says. Instead of the “kangaroo-like pose” of the animal rearing up and dragging its tail, they’re depicted more horizontally, with the tail off the ground—for speed.

“Most people prefer the new view of dinosaurs,” Sullivan says, and Bell agrees. But Wildman, who insists he’s not a “feather denier,” hopes that scaly T. rex isn’t next. He writes, “Do you really want the megastars of the dinosaurian world displaying colourful yet gaudy feathers and dancing like a demented turkey cock.

**FOOD FOR THOUGHT:**

**We’ve just finished reading *Dr. Faustus*, and that play may seem to have very little connection with this Article of the Week. However, let’s make a leap here…**

**At the end of the play, I asked you to examine what you think the message was to Marlowe’s audience of the time. Should we fear God, or shouldn’t we? Should we challenge God’s will, or not? Should we continue along the precarious lines of the Humanist movement, or continue to adhere to the status quo of traditional learning? Well, tie that in to these feathery dinosaurs: What would the believers in God’s will have for a response to this assertion – a newly-discovered dinosaur with feathers, and all of the implications that may mean. On the other hand, what would the more forward-thinking “Faustus’” of the time have offered as an explanation?**

**This is a tough one, but I hope you’ll enjoy wrapping your brains around it a little.**