

# Canada's Cutting-Edge Discoveries: White Hydrogen, Ancient Dinosaurs & Ne

Science, Canada · Answer Key · 5 Questions

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**1. What major clean energy source, described as "white hydrogen," was discovered flowing continuously from ancient rocks beneath the Canadian Shield by researchers from the University of Toronto and University of Ottawa in May 2026?**

- A) Natural gas reserves
- B) Geothermal energy pockets
- C) Naturally occurring hydrogen gas**
- D) High-grade uranium deposits

**2. In May 2026, an 80-million-year-old fossilized tail bone of what ostrich-like dinosaur, known as an ornithomimosaur, was discovered on Denman Island, off the coast of British Columbia?**

- A) Tyrannosaurus Rex
- B) Triceratops
- C) Ornithomimosaur**
- D) Ankylosaurus

**3. McGill University researchers unveiled a new molecular platform in May 2026, combining the advantages of antibodies and DNA-based therapeutics, named what?**

- A) Nanobodies
- B) Alenomers**
- C) CRISPR-Cas10
- D) Ribozymes

**4. An international team, including experts from the University of Toronto's Canadian Institute for Theoretical Astrophysics (CITA), published a study in April 2026 providing evidence for what rare stellar event?**

- A) Hypernovae
- B) Kilonovae
- C) Pair-instability supernovae that leave no black holes**
- D) Gamma-ray bursts without visible afterglows

**5. What novel device, developed by McGill University researchers in April 2026, generates sound-like particles (phonons) at extremely cold temperatures and could be used to create phonon lasers for communications and medical diagnostics?**

- A) Quantum Microphone
- B) Phonon Laser Emitter**
- C) Acoustic Resonator
- D) Sono-Synthesizer