

## Cordualadensa acorni

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### Cordualadensa acorni Latest News

Recently, researchers from McGill University identified a new dinosaur-era dragonfly fossil named *Cordualadensa acorni* from Alberta's Dinosaur Provincial Park.

### About *Cordualadensa acorni*

- It represents the **first Mesozoic dragonfly fossil in Canada** and fills a **30-million-year evolutionary gap** in dragonfly history.
- The fossil is a **partial wing impression fossil** preserved in the **75-million-year-old Dinosaur Park Formation (UNESCO World Heritage Site, Alberta, Canada)**.
- The fossil led to the creation of a **new family, Cordualadensidae**, highlighting its **unique anatomical features**.

### Features of *Cordualadensa acorni*

- **Wingspan:** Roughly the width of a **human hand**.

- **Anatomy:** The **wing structure** indicates adaptation for **gliding flight**, a feature common in **migratory dragonflies** today.
- **Ecological Role:** Though small, it would have been an **important part of the Cretaceous ecosystem**, possibly serving as prey for **raptors**.

## Distribution & Significance

- **First dinosaur-aged dragonfly fossil** discovered in **Canada**.
- It is the **first North American member** of the dragonfly group **Cavilabiata**.
- Before this, only one insect fossil (a **microscopic aphid in amber**) had been reported from the region.

**Source: PHY**

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