

488 million years ago

**EVOLVE**  
or  
**PERISH**

start

here

**EDIACARAN**

First multi-celled  
ancestors of animals  
and plants



Bacteria have already  
been thriving for  
billions of years



No life  
on land yet...



First sizeable  
animals in the  
fossil record  
- and you  
slip on one!

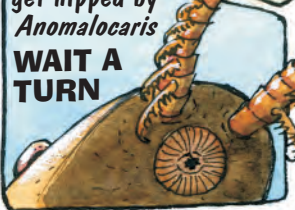
**GO BACK  
ONE**



Early fish



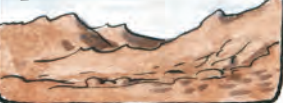
You  
get nipped by  
*Anomalocaris*  
**WAIT A  
TURN**



Many filter  
feeders



Dry land is still  
mostly barren  
**WAIT A TURN**



All sorts of new animals  
the **CAMBRIAN  
EXPLOSION:**  
**SHOOT  
FORWARD**  
first shelled animals



**CAMBRIAN**

542 million years ago

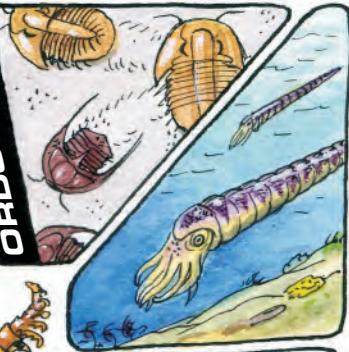
**SLIDE  
BACK**

to the past  
on an animal  
called  
*Charnia*

More odd  
soft-bodied animals



**ORDOVICIAN**



**SILURIAN**



444 million years ago

Oldest  
known  
fossil  
land animal:  
a small millipede  
**CRAWL AHEAD**



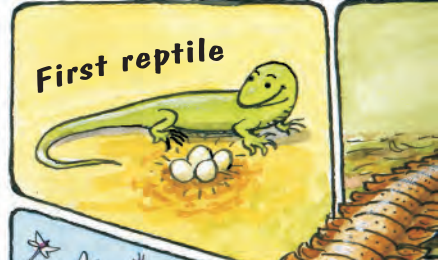
Early land plant  
fossils

**DEVONIAN**  
Plants get bigger

416 million years ago



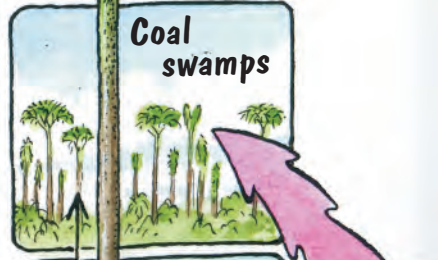
First reptile



Coal  
swamps



**CLIMB  
AHEAD 2**  
...on a  
Lycopod  
tree



**CARBONIFEROUS**

1st four-legged  
animal  
**EXTRA TURN**



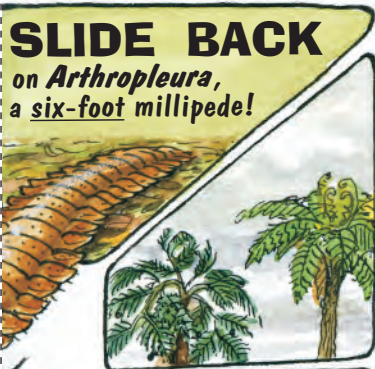
First  
trees!



Fungi  
and bacteria  
help make  
first soils



359 million years ago



# SLIDE BACK

on *Arthropleura*, a six-foot millipede!

## PERMIAN



Biggest flying insect ever: 28" wing span



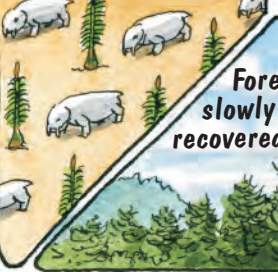
Therapsid (NOT a dino)

GREATEST EXTINCTION OF ALL TIMES:

# BLAST TO THE PAST

## TRIASSIC

Very little diversity as life recovers



Forests slowly recovered

251 million years ago

299 million years ago



First birds



# SLIDE FORWARD



First dino

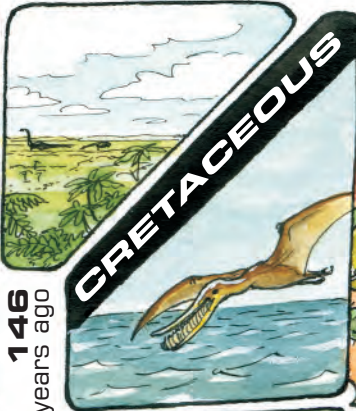
First mammal

X-TRA TURN

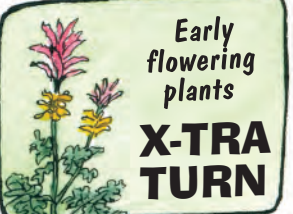


200 million years ago

146 million years ago



# CRETACEOUS



Early flowering plants

X-TRA TURN



Many new flowers and pollinators



Chomped on by T-REX!



Meteor hit Huge extinction BACK YOU GO



YOU SURVIVED! WELCOME TO THE PRESENT!

BUT YOU'RE SWARMING WITH BACTERIA! NYA NYA!



Ice ages, first humans



First grasslands



## NEOGENE

HOP AHEAD ONE

on a giant mammal



Mammals diversify



66 million years ago

23 million years ago