# Private Use Only (개인용도로만 사용해 주세요)

특별 프로그램 (SPECIAL PROGRAM): 성경적 창조론 **8.** 진화론적 고생물학 (BIBLICAL CREATIONISM 8. EVOLUTIONARY PALEONTOLOGY)

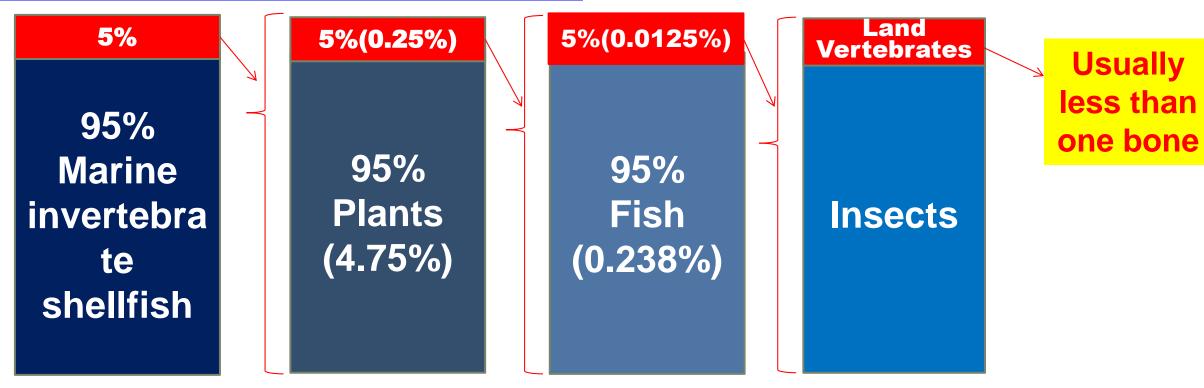


## Fossils: Psittacosaurus

"Tianyu Museum of Nature: the biggest dinosaur museum on earth, ... more than 1,100 fossilized dinosaurs..."

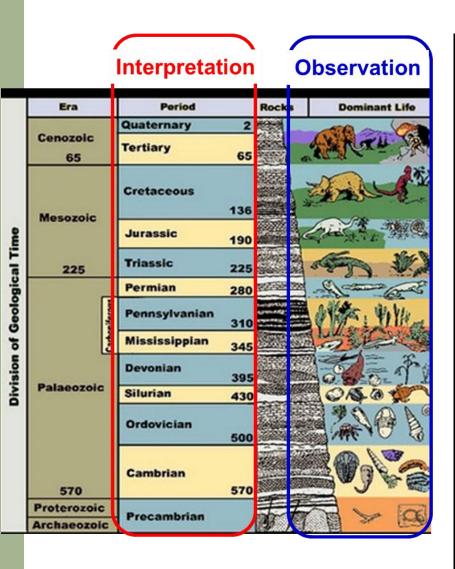


## Why so Little left...?



"Much less than 1% are land vertebrates. Usually consist of less than one bone"

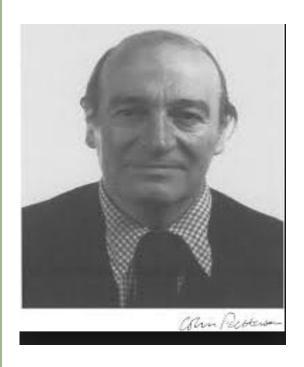
### Main Points of the Fossil Record



- Sudden appearance of basic types
- Complexity at the start
- No transitional forms between types
- Many fossils found through the column
- Fossils found in catastrophic deposits

### What is issue?

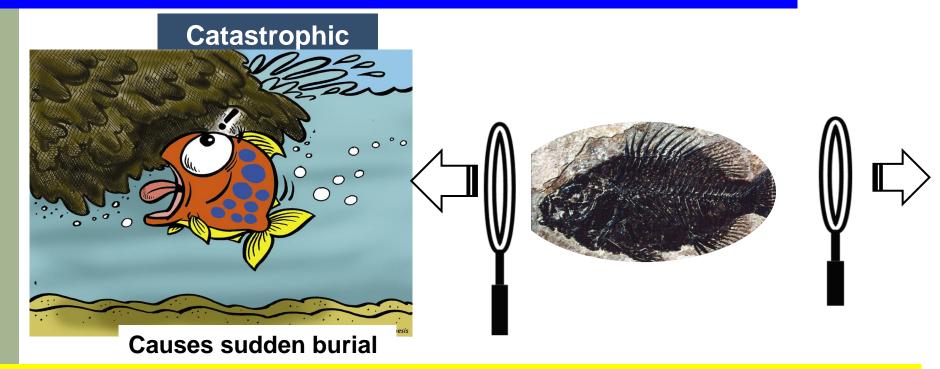
A Paleontologist say ...



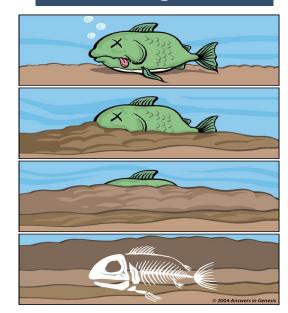
"I fully agree with your comments on the lack of evolutionary transitions in my book. If I knew of any, fossil or living, I would certainly have included them. I will lay it on the line—there is not one such fossil..."

Dr. Colin Paterson, Senior Paleontologist, British Museum of Natural History in correspondence to Luther Sunderland quoted in *Darwin's Enigma* 1988 p. 89

# Formation: Slow vs Fast?



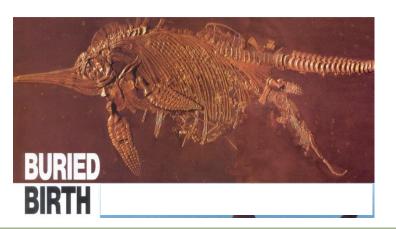
#### Slow and gradual



Burial.. or, decay?

#### Fossil can only be formed by fast burial→ support Genesis Flood





-Chris Ashcraft slide-

#### **Dinosaurs Millions Years Old?**

## Pondering the possibility that pre-historic creatures survive in the Pacific

yted seeing huge dragon-like cree- are seen by humans. res that have surfaced near-and that swim with their heads held high we the water blowing clouds of apray their mouths terrified salions who

rews plying the world's seas. From the sends many miles into the Pacific, Known tic Ocean to the deep, land tooked ... as the Monterey Submanne Carryon, it is

fatherman in the vicinity have reported exist or are they figments of the I huge fish of strange descriptions, mystehe ocean is the world's last great. That spring up for no apparent reason ter and many areas of this vast body. Plats of the submanne carryon have even



Shipwrecks and Sea Monsters of California's Central Coast by Randall Reinstedt, p. 167 Available from CSE



#### Skin Diver Nov. 1989

E.L. Wallace, president of the Natural History Society of British Columbia

Skin Diver Nov. 89

'My examination of the monster was quite thorough . . . . It had no teeth. Its head is large and its neck fully 20 feet long. The body is weak and the tail is only three feet in length from the end of the backbone . . . with a bill like it possesses, it must have lived on herbage and undoubtedly inhabited a swamp. I would call it a type of plesiosaurus."

Another witness, Judge W.R. Springer of Santa Cruz, felt the creature was from a prehistoric age. He added his observation: "evidence of two short feet or flippers, and probably swam with its head high above the water."



Shipwrecks and Sea Monsters of California's Central Coast by Randall Reinstedt p. 166. Available from CSE

**OLPHINS** 

#### **Dinosaurs Millions Years Old?**

Scientists study rare dinosaur skin fossil to determine skin colour for first time

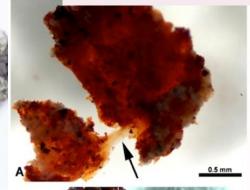
Apr 29, 2013



University of Regina physicist Mauricio Barbi and a rare hadrosaur skin sample.

"As we excavated the fossil, I thought that we were looking at a <u>skin</u> impressio noticed a piece came off and I realized this is not ordinary – this is real skin. Expression involved with the <u>excavation</u> was incredibly excited and we started discussing projects right away."

The research...at NCSU, explains how proteins —and possibly even DNA -can survive millennia...raised this question in 2005, when they found the soft tissue ... of an adolescent T. rex ... in Montana.





This fragment of demineralized tissue lined the marrow cavity of a T. rex femur. The demineralized fragment in "A" was flexible and resilient. When stretched, as shown by the arrow, it returned to its original shape. "B" shows the same fragment after airdrying..."

# **Archaeological Evidence of Dinosaurs**



Angkor Wat in Cambodia 12th century

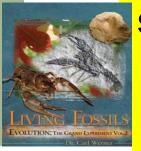


Ica Stones of Peru (16<sup>th</sup> Century)



Sauropod Petroglyph Havasupai Canyon in Arizona

Living Fossils rl Werner was challenged by a classmate,



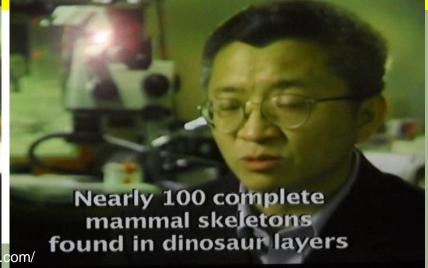
saying "I bet you can't prove evolution." Disturbed by him,, he (a biology major at the time) ... began his quest for an answer... read ...on evolution, including paleontology,

Dr. Carl Werner

geology, biology... After 18 years of study, .. begin a series of experiments .. to test evolution. For the next 17 years, 1997-2014, ...traveled to the best museums and dig sites around the globe, photographing thousands of original fossils and the actual fossil layers ..."





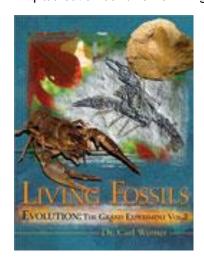


# **Living Fossils**

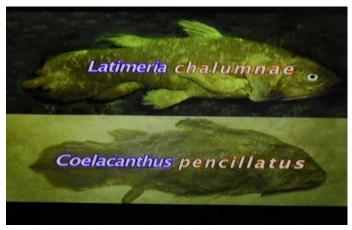


Dr Carl Werner

http://creation.com/werner-living-fossils



http://www.thegrandexperiment.com/

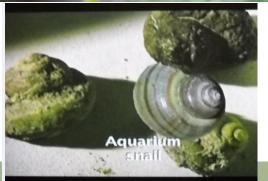












#### Two Views... There were fossils when we found the strata.. Path? Time line Rate? Past Present Origin? Scope of Origins Science is past, -> Beyond observation -> No answer. **Observation** Limit Dinosour **Trilobite** → depends on men's World view or Imagination!!

**Biblical View** 

VS

**Secular View** 

**Genesis Records** Catastrophic... 6000 years...

Men's Idea Uniformitarian... Millions of years...

**Scope of Experimental Science** is present -> Observable!! **No Controversy!!** 

## Review: Experimental vs Origins Science

**Origins science** 

He was driving too fast when we found him !!!

**Experimental science** 

- How long time...?
  How many laps...?
  .....
- → measurable??
- ➤If no past info?
  →Unprovable!!

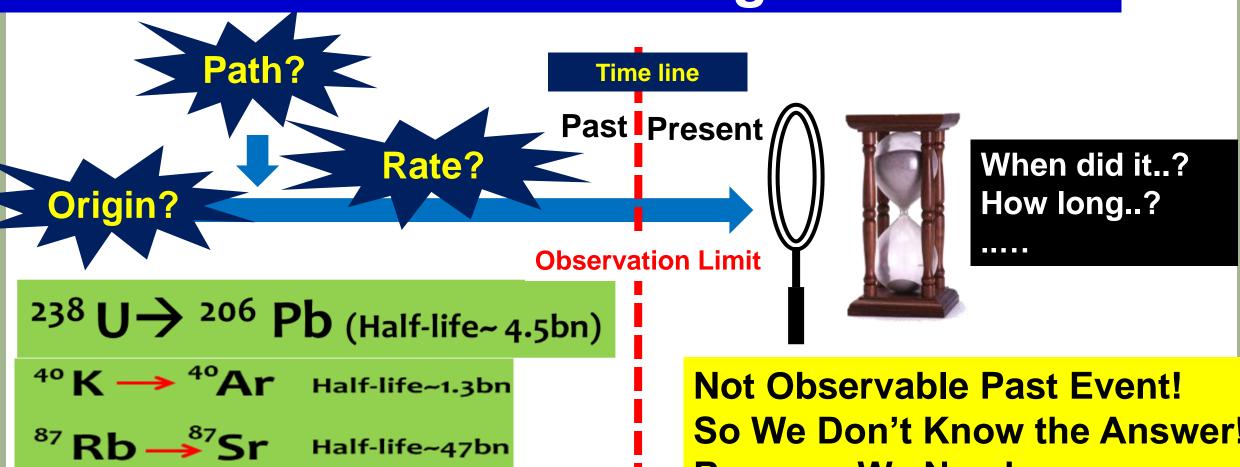


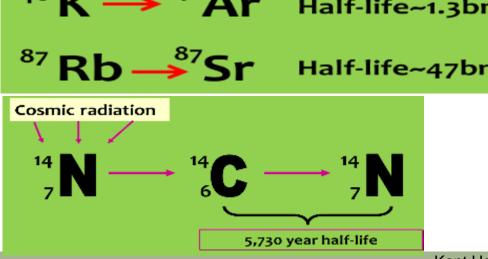
How fast...?
What size car...?
Color....?

. . . . .

- All measurable!!
- → Know the answer!!

# Review: Radiometric Dating Assumes...





So We Don't Know the Answer! **Because We Need...** 

- -Initial Condition.
- -Path.
- -Rate.

-Kent Hovind slide-

# Reality ...?

## Old Dates for Young Rocks

"In conventional interpretation of K-Ar age data, it is common to discard ages which are substantially too high or too
low compared with the rest of
the group or with other
available data such as the
geological time scale."
goological tillo coale.
Hayatsu, A., "K-Ar Isochron Age of the North Mountain

Basalt, Nova Scotia," Canadian Journal of Earth Sciences, Vol. 16 April, 1979, pp. 973-975

Location	Ε
Hualalai basalt	2
Mt. Etna basalt	2
Mt. Etna basalt	29
Mt. Lassen basalt	8
Sunset Crater basalt	9
Rangitoto basalt	<8
Mt. Erebus	17
Mt. Etna basalt	37
Medicine Lake obsidian	<
Kilauea basalt	<
Kilauea basalt	<
Kilauea basalt	<1
Kilauea Iki basalt	40
Mt. Stromboli	38

Old Dates for Tourig Nocks		
ocation.	Expected	Measure
lualalai basalt	200 yrs.	.6 my
1t. Etna basalt	2100 yrs.	25 my
1t. Etna basalt	29 yrs.	35 my
1t. Lassen basalt	85 yrs.	11 my
unset Crater basalt	950 yrs.	27 my
angitoto basalt	<800 yrs.	15 my
1t. Erebus	17 yrs.	1.6 my
1t. Etna basalt	37 yrs.	.7 my
Nedicine Lake obsidian	< 500 yrs.	12.6 my
ilauea basalt	<200 yrs.	21 my
ilauea basalt	<1000 yrs.	3 my
ilauea basalt	<1000 yrs.	30 my
ilauea Iki basalt	40 yrs.	8.5 my
lt. Stromboli	38 yrs.	2.4 my

-John Morris slide-

# Mount St. Helens shows...



John Morris slide