

the Rock Magnet

For Rockhounds Juniors, Teens & "Greyhounds"

MHVG+MS

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1.

The Fossils of New York State on Parade!



Amazing facts!

We are the Fossil Stars of New York State, just call us Eurypterids, be sure to spell it right! We were terrifying predators who liked to hide in the mud, just waiting for a tasty trilobite to pass our way!

We **EURYPTERIDS** are sometimes called "sea scorpions" We are an extinct group of arthropods. The largest of us reached 8 ft 2 in or more in length, but most of us were less than 8 inches. We lived for many million years, beginning in the Cambrian time . We went extinct during the Permian-Triassic extinction event 251 million years ago!

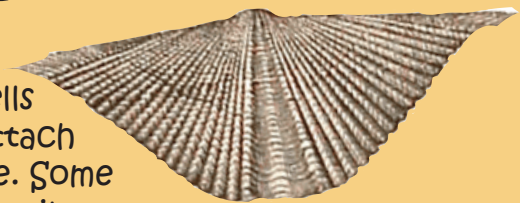
2.



We are the best known of New York Fossils! YES, we are! We are the **TRILOBITES** near and far! We shed our outer exoskeleton as we grow, our segmented body let us roll. The Eyes Have It our most amazing body part. They were complex and compound with lens of pure calcite! We were the "Hoovers" of the seas as we were the ones that kept the ocean floor clean.

3.

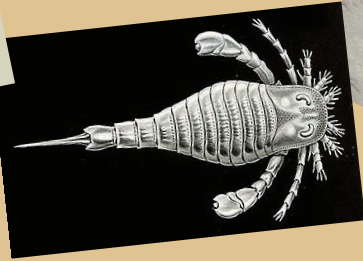
We just love our name, **BRACHIOPOD**. I am called a Spiriferida. I have two shells but I am not a Clam you see because I am an animal of a different kind. My shells are unequal sizes and I have a symmetrical midline. I attach to the seabed by a stock like structure called a pedicle. Some of my relatives are still alive and are famous as living fossils.



I am a Rugose **HORN CORAL** and I live in a wrinkled horn-like house of calcium carbonate. You can see I added on to my home until it almost toppled over. Ah, yes, it is a solitary life for me. My favorite time was during the Devonian about 350 million years ago, I was really a beauty then with my waving "arms" bringing me tasty tid-bits.



4.



Fossils on Parade Word Search

See if you can find the fossil terms in this Search. If there is a fossil you do not know, Search the Internet!

C R I N O I D N A I R U L I S P O N G E E Y
 O O K R Q C C A M B R I A N S Y A N L S U N
 R V C L B E L E M N I T E E L B V A G E R A
 P W D G R A P T O L I T E K F K N B A F Y I
 O Y F S E C H I N O D E R M O L L U S K P C
 L U E C H I N O I D K R X A Z F X B T Q T I
 I A C J D A A R T H R O P O D O O R R C E V
 T R I L O B I T E P H A C O P S B Y O O R O
 E B F O R M I N I F E R A I T S W O P R I D
 Z P T J H O W R E N O T S E M I L Z O A D R
 P Q Y A S M P C N F M W R Z T L L O D L Q O
 Y K D R T Y C F F T R A C E H S H A L E U O
 V B X Q B R A C H I O P O D E V O N I A N M
 S T T D U N O J E X O S K E L E T O N A U V

AMMONITE
 BRACHIOPOD
 CORAL
 DEVONIAN
 EURYPTERID
 FOSSIL
 LIMESTONE
 PHACOPS
 SPONGE

ARTHROPOD
 BRYOZOAN
 CORPOLITE
 ECHINODERM
 EXOSKELETON
 GASTROPOD
 MOLLUSK
 SHALE
 TRACE

BELEMNITE
 CAMBRIAN
 CRINOID
 ECHINOID
 FORMINIFERA
 GRAPTOLITE
 ORDOVICIAN
 SILURIAN
 TRILOBITE