



Geological Museum Learning Center

Department of Mineral Resources

Thailand



By Mrs. Juraluk navephap

Golden jubilee national geological museum

DMR

Museums



BANGKOK
ROCK AND MINERALS MUSEUM
RAMA 6 ROAD



PATHUM THANI
NATIONAL GEOLOGICAL MUSEUM



KHON KAEN
PHU WIANG FOSSIL RESEARCH CENTER
AND DINOSAUR MUSEUM



SURAT THANI
FOSSIL, GEOLOGY AND
NATURAL HISTORY MUSEUM
พิพิธภัณฑ์ธรณีวิทยาพุนพิณ
PHUNPHIN GEOLOGICAL MUSEUM



RAYONG
RAYONG ROCKS AND
MINERALS RESEARCH CENTER



KALASIN
SIRINDHORN MUSEUM
พิพิธภัณฑ์สิรินธร
SIRINDHORN MUSEUM



LAMPANG
FOSSIL, GEOLOGY AND
NATURAL HISTORY MUSEUM



DMR museums

Central region of Thailand

- Rock and mineral museum
- Golden Jubilee National Geological museum
- Rayong rocks and minerals research center

North east region of Thailand


- Phu Wiang fossil research center
- Sirindhorn museum

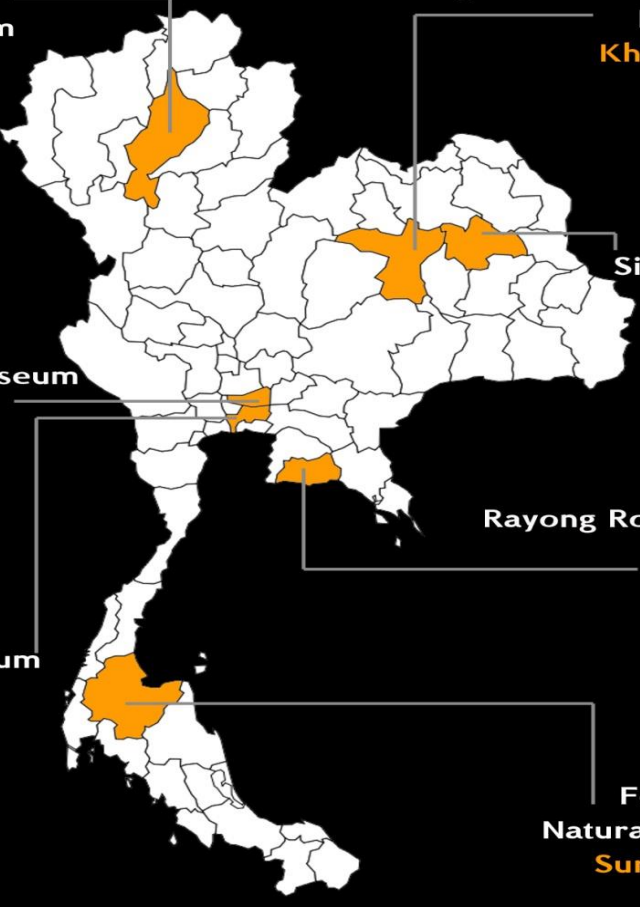
North region of Thailand

- Fossil Geology and Natural History museum of Lampang


South region of Thailand

- Fossil Geology and Natural History museum of Surat Thani



Ministry of Natural Resources and Environment
DEPARTMENT OF MINERAL RESOURCES




Fossil Geology and Natural History Museum
Lampang province




Phu Wiang Fossil Research Center and Dinosaur Museum
Khon Kaen province




Sirindhorn Museum
Kalasin province




Golden Jubilee National Geological Museum
Pathum Thani province




Rayong Rocks and Minerals Research Center
Rayong province



Rock and Mineral Museum
Rama 6 road, Bangkok



Fossil Geology and Natural History Museum
Surat Thani province
(coming soon)



GEOLOGICAL MUSEUM
WITH DEPARTMENT OF MINERAL RESOURCES

Rock and mineral museum

History Museum of department mineral and resources

- First geological museum of Thailand
- Officially established in 1948 to provide real learning experience for Thai people



Golden jubilee national geological museum

Geological learning center of Thailand

To make the understanding of what the geology is which are:

- The Definition of Geology
- Solar System
- Earth's History
- Prehistoric Park
- Artificial Mine
- Geo-Hazard Exhibition
- Natural and Alternative Energy



Rayong rocks and minerals research center

Rocks and minerals learning center Of Thailand

- The standard of rock and mineral in Thailand
- Geological Data Repository
- Technical service division



Phu wiang Fossil Research center

The First Dinosaur Discoverer of Thailand

- The invertebrate fossils learning center
- Dinosaur museum
- Real fossil pits to experience



4 world's new species



❖ The First Discovered
Dinosaur Fossil In Thailand



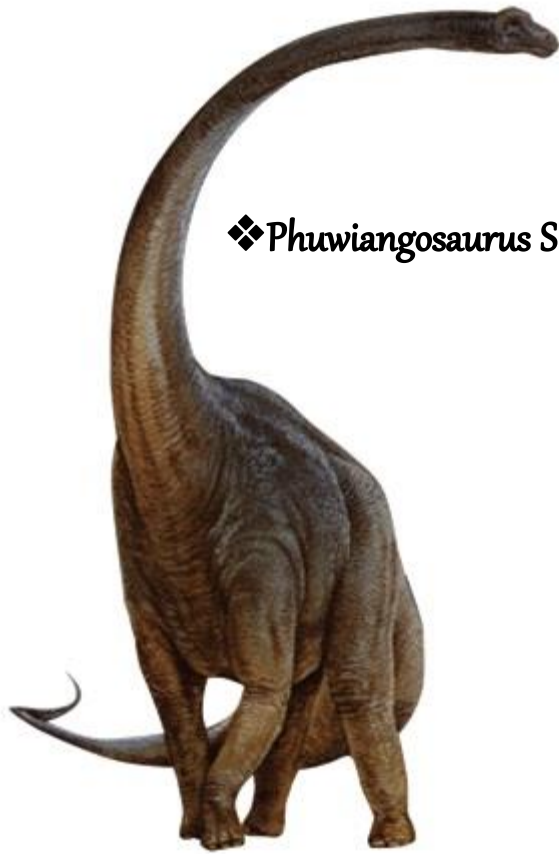
❖ *Siamosurus Suteethorni*
Fangs



❖ *Siamotyrannus Isanensis* Pelvis



❖ *Kinnareemimus*
Khonkaenensis Leg



❖ *Phuwiangosaurus Sirindhornae*



❖ *Siamosurus Suteethorni*



❖ *Siamotyrannus Isanensis*



❖ *Kinnareemimus Khonkaenensis*

Sirindhorn museum

The Vertebrate fossils learning center

- The founder and keeper of...
The most perfect dinosaur fossil in Southeast Asia
- The most standardized and biggest fossil storage center



Fossil geology and natural history museum of Lampang

The Prehistoric Mammals keeper of Thailand

- Prehistoric Mammals
Northern Thailand's Rocks
and Minerals



Fossil geology and natural history museum of surat thani

The Prehistoric Ocean of Thailand

- Prehistoric Ocean Thailand
- Rocks and Minerals
- Artificial Mine
- Prehistoric Park



Geological Specimen Management of DMR museums

Geological
Specimen

Rock and mineral

- Collection of specimen
- Geological data repository
- Exhibition in museum

Paleontology
Specimen

Vertebrates fossils & Invertebrates fossils

- Collection and preserve of specimen
- Research and data repository
- Design Exhibition in museum

Research Section at Sirindhorn Museum



พิพิธภัณฑสถานแห่งชาติ
SIRINDHORN MUSEUM

Investigation and Excavation



Preparation



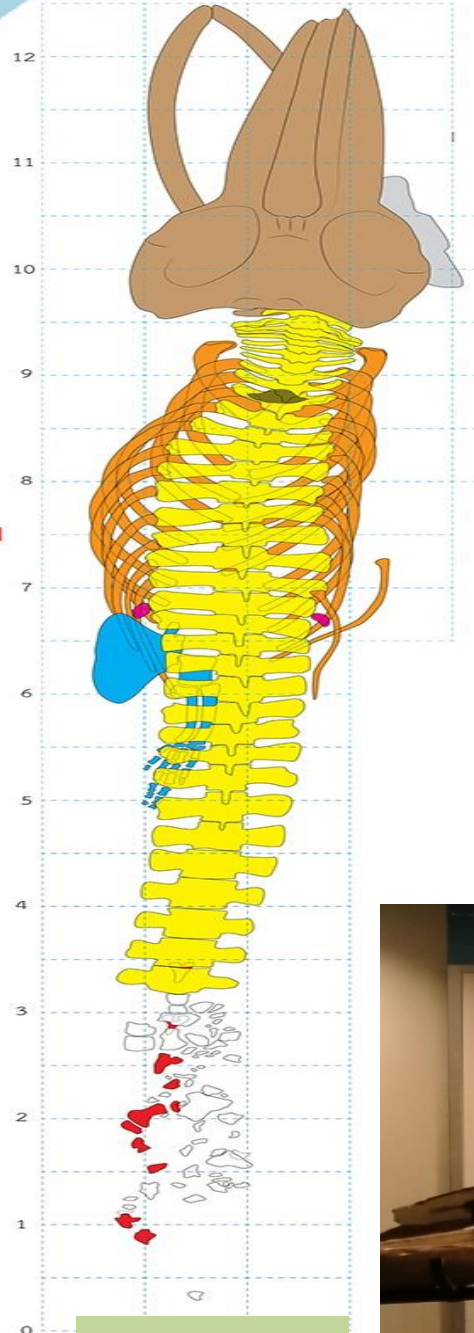
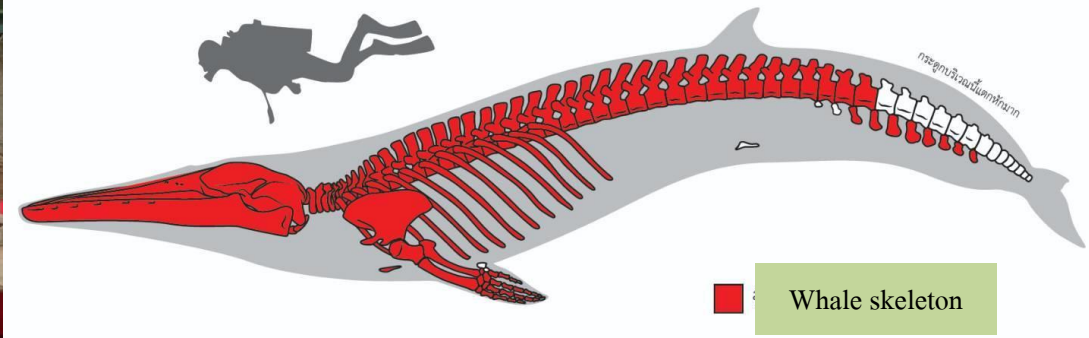
Cataloguing and Collections



Research



Bryde's whale (*Balaenoptera edeni*)
at Golden Jubilee National Geological museum



Unit : meter
Skeleton Diagram

Specimens conservative



01 1. Plaster jacket of specimens waiting for conservative procedure.



02 2. Plaster jacket opening of the specimen.



03 3. Clearing of soil from the specimen and repair the broken part.



04 4. Specimen cleansing with a blower.



05 5. Hardening and protecting the specimens from expose to air by coating the specimens.



06 6. The finished specimens were kept in the repository for further data collection and research.

Developing museum as an international learning center

Strong Points

- 7 Museums
- Palaeontology laboratory
- Fossil Excavation Site
- Exhibition

Requirement

- Develop a museum into a learning center
- New exhibition techniques
- Personal knowledge
- Fossil , rock and mineral data repository
- Budget

Exhibition Exchange

Vertebrates fossils

Dinosaur bone / replica skeleton

Whale skeleton / replica skeleton

Invertebrates fossils

Nuatiloid

Trilobite

Oyster

etc

The cooperation in the museum development

1. The museum administration and management
2. Development of the collection of palaeontology specimens : Fossil data repository
3. Developing and promoting the museum as an international learning center
4. Technical and technology exchange in the exhibition management



Thank You

Any...

Question? & Discussions

Golden jubilee national geological museum
Rayong rocks and minerals research center

**Museum
management**

**Fossil , rock and
mineral data repository**

Golden jubilee national geological museum
Rayong rocks and minerals research center

Phu wiang Fossil Research center
Sirindhorn museum

**Paleontology
Fossil Excavation
Site**

Exhibition

Golden jubilee national geological museum
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