

general species rewrite - all will be mentioned.

Carnosaurs; Basal Tetanurae; Tyrannosaurids

Basal Carnosaurs

Tyrannotitan chubutensis

~~Yangchuanosaurus~~

Yangchuanosaurus [2]

Hammer, 94 Cryolophosaurus ellioti

Shidaosaurus jimai

Zhao & Corrie, 94 Sinosaurus sinensis (3)

Metricanthosaurus walkeri

Monolophosaurus jiangi

Siamotyrannus isanensis

Chuanqiongcoelurus primitivus \* Sinraptor

Marshosaurus bicentesimus \* Allosaurus [3/4]

Condoraptor curruilli \*

Saurophaganax?

Pratoritza kysaurus floresii \*

Laurinhanosaurus antoensis

Wagner, 2001  
Carnivora  
\*

Streptospondylus altorfensis = Neovenator salerii

Baryonyx walkeri \* Siatx moecorum

Suchomimus tenerensis \*

Chilantarsaurus fashuikouensis

Irritator challengerii \*

Luckyraptor kitadaniensis

highly controversial  
mega-raptora  
clade.  
placement varies  
author by author study.

\* Angatorama limai \*

Problematic

Austrolovenator wintonensis

Dubreuillosaurus valesduensis

Megaraptor namunhualqui

\* Dryptosaurus diversus \*

Mirusraptor <sup>parrosaeensis</sup> ~~parrosaeensis~~

\* Magnosaurus nethercombensis

Aerosteon riocoloradensis \*

Leshansaurus <sup>qianweirensis</sup> ~~qianweirensis~~ \*

\* Orkaraptor kourbei

Poekilotrogon bucklandii \*

Aerocanthosaurus atokensis

Dunavenator hesperis

Concavenator corcovatos

Megalosaurus bucklandii

Eucarcharia dinops

Torvosaurus tanneri \*

Shat Shalung maotvensis

Wielavenator alberti \*

Carcleroraptor [2]

Xuanhanosaurus qixiaensis \*

Gigantosaurus carolini?

Yangchuan

Mapusaurus roseae

Spirinosaurus leynshous  
Carnivora  
Afromanther albertensis

The Tyrannosauroids... basal coelmosaurs before split one to be looked up later!

- |                                      |                                |
|--------------------------------------|--------------------------------|
| * <i>Buettneria argentina</i>        | <i>Attoramus</i> [2]           |
| <i>Zulong Sallaei</i>                | <i>Nannosaurus boglundi</i>    |
| <i>Cionlong wucuii</i>               | <i>Ferrotophus curri</i>       |
| <i>Proceratosaurus bradleyi</i>      | <i>Cyrtorhynchus argestes</i>  |
| <i>Kilekus aristotocus</i>           | <i>Duquoyia</i> [2]            |
| <i>Sinotyrannus kazuoensis</i>       | <i>Zhuchengtyrannus magnus</i> |
| <i>Juratyrant langhami</i>           | <i>Tarbosaurus bataar</i>      |
| *!!* <i>Stokesosaurus clevelandi</i> | <i>Tyrannosaurus Rex</i>       |
| <i>Yutyrannis huali</i>              |                                |
| <i>Aratyrannus juratica</i>          |                                |
| <i>Dilong paradoxus</i>              |                                |
| <i>Santanaraptor placidus</i>        |                                |
| * <i>Timimus Timimus hermani</i>     |                                |
| <i>Eutyrannus lengi</i>              |                                |
| <i>Bagaceratan ostronui</i>          |                                |
| !* <i>Raptorax Kriegeri</i>          |                                |
| <i>Dryptosaurus aguilunguis</i>      |                                |
| <i>Alectosaurus olseni</i>           |                                |
| <i>Timurlengia evotica</i>           |                                |
| <i>Xiongzhanglong kaibeiensis</i>    |                                |
| <i>Bistahquevenator sealegii</i>     |                                |
| <i>Albertosaurus sarcophagus</i>     |                                |
| <i>Compsosaurus liberatus</i>        |                                |
| <i>Gianizbousaurus siensis</i>       |                                |

Information (for pages, not art)

For each species/genera

- Phylogeny - basic description and very conservative placement (family or major grouping) as confirmed by latest models.
  - Basic Physical description/speculation: Related to phylogeny. i.e., "Crocodillon-like features, serrated teeth" enough to create an image in the mind of the reader.  
Record features of "Note."
  - Time Period/Geographical Region (Setting)<sup>2</sup>  
• Diet/Speculation/Behavior  
• Notable features from basic Troop build (i.e. spinosaws, teeth, and claws)  
• Records of Specimens found, maybe descriptions, and locations (contact specimens for images, but write the codes down)  
• History of discovery and understanding; controversy, etc.  
• Note alternate, clings, etc, fun facts, flame analysis.  
• Controversial species in genera?  
• If known, species development/  
• niche description.  
• description of group?  
• Etymology of name name. (will be in actual paper)
- <sup>1</sup> even if that includes specific anatomical terminology? include a diagram if as to define terms. ease of understanding is key.
- <sup>2</sup> Research various habitats extensively later!
- <sup>3</sup> On some, make a page for historical depictions (get rights!)

This will largely be a notebook of specific special organization, but notes on species/genus distinctions are noted here, because it's easier, most of which regards fragmentary taxa (as of 2012) that I need to decide if need or deserve a page or not.

MNHN  
GDF 366  
GDF 365  
... 357  
358  
359  
361

*Cristatosaurus* (1998, ~~Suets~~ Taquet & Russel) is argued to be synonymous with either *Baryonyx* or *Suchomimus*; or, if *Baryonyx* and *Suchomimus* are the same, *C.* would be the same as both. Recent studies/papers (Sales/Schultz 2017), (Hendrickson et al. 2016), (Carrano et al. 2012) link *C.* with *Suchomimus*, but really only say that more studies are needed to differentiate potential automorphies from ontogenetic traits. Mention, but no page. Only definitively an indeterminate baryonychiid spinosaurid.

TF 2043a: *Siamosaurus* is only definitively based on teeth, and its position as an indeterminate Spinosaurid is not definitive either. Partial Thai skeletons are not definitively tied to *S.*

*Suchosaurus* (both species) are so scarce and fragmentary, and while they are similar, are near indistinguishable between *Baryonyx*, *Suchomimus*, and *Cristatosaurus*, all of which would be junior synonyms. Notably an old discovery, but nomen dubia. Mention with baryonychiids, but it is not diagnostic (the tooth, that is) beyond family level (Carrano et al.) *S. giraldi* is more complete and yet not diagnostic either. Nomen dubia, maybe be senior to *Bary* but is found in different material.

\* Be sure to eventually write why and how species were filtered.  
if not diagnostic for a nomen nudum & only ind. Thecopada or Tetrapoda, etc; not inc.  
Many "species" are just taxa.

The megalosaurus genus is probably as-listed in Carrano et al. & Benson.  
Oakhum Quarry material is under review in relation to Megalosaurus.

Major Clades - Megalosauroidea, Allosauroidea,  
and Coelosauroidea, but thankfully I'm not doing  
the latter. "Stem" tetran taxa, often basal,  
existing outside major groups

\* Review paper(s)  
for names of  
ind. species(?) to  
briefly describe in  
taxon summary pages.

\* use specimens that are  
ind. for assessing art  
within group.

There are gaps in lineage data...

\* Carrano et al. 2012 cites a  
lot of sources (expected, given  
that it is a fundamental  
reanalysis of basal tetrapods.  
Read through them as to use if  
needed. You may have a lot to do

Given the fragmentary nature of  
many basal tetrapods (Chuanlongcoelurus, monolophosaurus, etc)  
I may put many onto one page.

Angatorama Limai will be included w/ Irritator page because it  
is non overlapping and can't be distinguished. Debated and  
needs further evidence. FRAGMENTARY, put with indeter.?

So many of these species are very fragmentary.  
Pineosaurus is just a braincase. Not enough to recreate

No one knows where Siats Meekerooni goes for sure  
beyond Tetrapoda. Siats and the megaraptoridae,  
sounds like a boy band. Their placement is very debated.

An entire section for Megareptora will be made  
between Carnosauria and Coelurosauria.

Many basal Coelosaurs are contested or fragmentary - not all  
may get art.

I think many of the species will be group discussed.

Something key that will be done is form a vocabulary list and  
diagrams to help the reader understand the names of various  
bones and paleontological terms, such as holotype, premaxilla,  
Cretaceous, etc.

Some referred to species are very fragmentary. I'll  
collect them, but they won't get a page.

Megalosaurus is getting an entire section!