

includes for historical bits.

Writing all the species regardless of group. (1)

Baron Foster's name

Red \* / fragment, includes in family letter  
wd - will do, not in back track

Labocania? animalia?

debated (PHIL 2016)

Blue Star means it was in a declined catalogue

include within Tyrannosaurus debate..  
Tyrannosaurus page

- \* Crylosaurus ellioti
- \* Sinosaurus sinensis
- \* Monolophosaurus pengi
- wd Chuanlongocoelurus primitivus
- \* Marshosaurus locustenensis
- \* Condoraptor currumilli
- \* Pratinotus saurus florensi
- \* Streptospondylus altdorfensis
- \* Baryonyx walkeri
- \* Suckomimus fenensis
- \* Irritator clebengeri
- wd Anyaturama limai
- \* Spinosaurus aegyptiacus
- \* GUSTREPOSONDYLUS OROEMENSIS
- \* Afrovenator abakensis
- \* Dibrowillosaurus valesdunensis
- \* Magnosaurus nethercombensis?
- \* Pruteausaurus dinesensis
- WD Ceshansaurus guanmensis
- wd Bakelopteran? bucklandii?
- \* Duravenator hespersis
- \* Megalosaurus bucklandii
- \* Torosaurus tanneri?
- New, WD arehuavenator alkati
- \* Huantanosaurus guizhouensis
- \* yanyehuanosaurus [Shangyuanensis]
- \* Shidaisaurus jinae
- wd Megacanthosaurus parkeri/walkeri
- wd Sumotyrannus isonensis
- wd Sinraptor [dongi/hepigenensis?]
- \* Allosaurus [europaeus/fragillus/jomadseni]
- \* Saurophaganax maximus
- \* Caumontosaurus antonensis
- \* Neovenator saleri
- wd Platysuchus
- \* chiantaisaurus toshuikensis
- \* fukiraptor kitadaniensis
- \* Australovenator wintonensis
- \* Megaraptor namunhuaniquii
- wd Murusraptor
- \* Aerosteon ricoloradensis
- \* orkaraptor kurkei?
- Paraphys
- \* Aerocanthosaurus atokensis
- \* Concavenator corcovatus
- \* Eucarchoria dinops
- \* Shabacelony maortuensis
- \* carcharodontosaurus [sharicus/igudensis]
- \* gigantosaurus carolini?
- \* Mapusaurus rosae
- \* Tyrannotitan chubutensis
- wd Bicentenaria argentina
- \* Zulong sultei sultei
- \* Guanlong wucui
- \* Proceratosaurus bradleyi
- wd Kileskus aristofocus
- \* Sinotyrannus kazuoensis
- \* Juratyrant langhami
- \* stokesosaurus clevelandi
- \* tytrannus livali?
- \* Aviatyrannus ferrata?
- \* Dilong paradoxus
- \* Santanaraptor placidus
- \* Timimus kemani?
- \* Gutyranus longi
- ~97?
- May form Megaraptoridae
- \* Bayuraptor tan
- \* Raptorax kreysteni?
- \* Ostromi
- \* Dryptosaurus aquilonis
- \* Alectosaurus olseni
- \* Timurlengia evotcha
- \* Zhongguandong barmaensis
- \* Appalachiosaurus montgomerensis
- \* Bistahqueversor sealegii
- \* Albertosaurus sarcophagus
- \* Gorgosaurus libratus
- \* Giganthosaurus sinensis
- \* Altoramus [alta/remotus]
- \* Nanusaurus hoglundi
- \* Teratophoneus currieri
- \* Lythronax acrotes
- \* Daphtesaurus [forosus/homeri]
- wd Zhuchengtyrannus magnus
- \* Tarbosaurus bataar
- \* Tyrannosaurus Rex
- \* Nanotyrannus
- \* Aron Zhoui
- \* Scipionyx
- \* Aniksosaurus darwini
- \* Aristosuchus pusillus
- \* Calamosaurus foxi
- \* Consognathus longipes
- \* Huaxiagnathus orientalis
- \* Juravenator?
- \* Mirischia asymmetrica
- \* Sinocalliopteryx qiyas
- \* Sinosauropteryx
- \* Zuanmenglong yinglongis
- \* Coelurus fragilis / Tangulagurus

\* Ichthyovenator lasensis

\* Killeskus diegoviensis? Proboscidea or mite

wd Platysuchus

wd Murusraptor

wd Paraphys

wd Tyrannotitan chubutensis

wd Sumotyrannus isonensis

wd Sinraptor [dongi/hepigenensis?]

wd Megacanthosaurus parkeri/walkeri

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\* Coelurus fragilis / Tangulagurus

Writing all the species regardless of group (2)

<i>Negubosaurus hawaii</i>	<i>Jiangchensaurus yixuensis</i>	<i>Wulatelong gobiensis</i>
<i>Pelicanimimus polyodon</i>	<i>Beipiaosaurus inexpectus</i>	<i>Banji longi</i> ?
<i>Stenochosaurus orientalis</i>	<i>Martianaptor guazhouensis</i>	<i>Shixingyilia oblita</i>
<i>Hypsimimus okladnikovi</i>	<i>Enigmiosaurus mongoliensis</i>	<i>Jiangxisaurus yundouensis</i>
<i>Beishanlong grandis</i>	<i>Alxasaurus elusitanensis</i>	<i>Ganzhosaurus nankangensis</i>
<i>Garudimimus brevipes</i>	<i>Erlansaurus laedamianus</i>	<i>Memphitomaa barsboldi</i>
<i>Demochirus mirificus</i>	? <i>Nothronychus [mckinley/graiff]</i>	<i>Machimasaurus leptonychus</i>
? <i>Archaeornithomimus asiaticus</i>	<i>Negononyosaurus yuyi</i>	<i>Conchoraptor gracilis</i>
? <i>Sinoornithomimus dongi</i>	<i>Therizinosaur cheloniformis</i>	<i>Khaan mckennai</i>
? <i>Tototlmimus pakardensis</i>	<i>Nashuonyosaurus brevipes</i>	<i>Huanyia [huanyi/ganshini]</i> ?
<i>Ansuierimimus planinyctus</i>	<i>Segnosaurus galbanensis</i>	
<i>Gallimimus Billatus</i>	<i>Erlikosaurus andrewsi</i>	
? <i>Ornithomimus [velox/edmontonicus]</i>	<i>Incisivosaurus gauthieri</i>	
<i>Struthiomimus albus</i>	<i>Sinucardipteryx yixuensis</i>	
<i>Haplocheirus Salkers</i>	<i>Caudipteryx [zovi/dongi]</i>	
<i>Alvarezsaurus calvor</i>	<i>Avimimus [fortkentosis/mungfensis]</i>	
<i>Patagonykus puertoi</i>	<i>Microraptor celeri</i>	
<i>Bonaparteonykus ultimus</i>	<i>Gigantoraptor erlianensis</i>	
<i>Ceratonykus ocellatus</i>	<i>Caenagnathus uatumsoni</i>	
<i>Zhenyanykus zhengyi</i>	<i>Hesperius giganteus</i>	
<i>Albinykus boater</i>	<i>Epichelirostenotes currei</i>	
? <i>Quifanykus zhengyi</i>	<i>Anzu wyliei</i>	
<i>Memphatomykus citus</i>	<i>Chirostenotes pergracilis</i>	
<i>Xigonykus pengi</i>	<i>Leptonychos [quadbas/leiyans]</i>	
<i>Banniykus wulakensis</i>	<i>Arietoraptor Rennatus</i>	
<i>Parricursor remotus</i>	<i>Elmsaurus raris</i>	
<i>Albertonykus borealis</i>	<i>Nai xangia jiangxueus</i>	
<i>Momonykus ocellatus</i>	<i>Yulong mini</i>	
<i>Lonchonykus monodactylus</i>	<i>Nominya gobiensis</i>	
<i>Shuvuia deserti</i>	<i>Curaptor phalacrotops</i>	
<i>Trochocircus pennsylvanicus</i>	<i>Rindania mongoliensis</i>	
<i>Falcarius utahensis</i>	<i>Ctipati osmids Koe</i>	

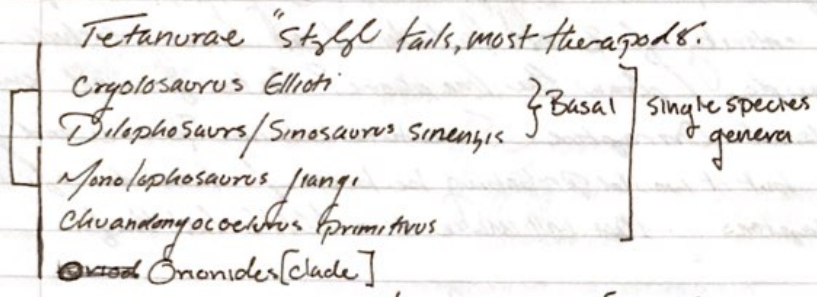
Mini group  
not used

Tally: 83? :  
 "group" 1: IIII IIII IIII IIII 24  
 "group" 2: IIII IIII IIII IIII 26  
 "group" 3: IIII IIII IIII IIII IIII 33  
 "group" 4: IIII IIII IIII 13/14  
 "group" 5: IIII IIII IIII IIII 21 - 7 = 14  
 "group" 6: IIII IIII IIII IIII 23 - 7 = 16  
 "group" 7: IIII IIII IIII IIII IIII 30

Total: 171. *non-synonym mini group!*  
 Cent ignae Avet...  
 ↓  
 Megalosauidea  
 No Coelurosauria  
 No Maniraptoriformes!  
 group 1: basal → end of  
 group 2: basal → avetheropoda  
 group 3: Carnosauria + Tyrannosauidea  
 group 4: No maniraptoriformes, but maniraptoriformes... compsognathids  
 group 5: Adds Ornithomimosauria  
 group 6: adds Therizinosauria  
 group 7: The rest to penaeus.

unlike other mammals? ] where will you divide birds? Probably stop at anales? ?  
 + Tasty Count Bensen Count  
 HT HT HT HT HT HT HT HT HT HT

Start of Dino List, verifying Species.



Megalosauridae / Spinosauridae [clade]

Piatnitzkysauridae [family]

Condorraptor curruvilli

Not a lot of info, not in 2012 paper, uncertainty in location. In paper, it's in Dilophosauridae.

Xuanhanosaurus quixiaensis?

Marshosaurus bicentescans

unclear location, not a lot of fossils, ← this paper is an early association btw.

Condorraptor curruvilli

Piatnitzkysaurus floresi

Megalosauria [clade]

Streptospondylus Attolofensis

old dino

Return to this family! This paper may not have all species!

Spinosauridae [clade] [family]

very complicated and contested. This paper may not have all sp.

Baryonychinae [clade]

Baryonyx walkeri

seems generally accepted that they are sister genera

Sudaniomimus fenevensis

Species to check in on:

- Oxalalia?
- Lathavenutator
- Cristatusaurus
- Praia taxon?
- Eumeralla taxon?
- Gara Samani taxon?
- Sigilmassasaurus?
- Siamosaurus? boron.

[own paper]

Spinosaurinae

Angatorama limai

debated, maybe synonyms?

Irritator cluikengeri

Spinosaurus pectyptiacus

Megalosauridae

Eustreptospondylus creonensis

Afrotzenatorinae [clade]

Afrotzenator abakensis

Dubreuillosaurus valesdunensis

Magnosaurus nethercombensis

Pueteausaurus dimerseensis

May or may not have other species in genus, they are nomen dubium.

Cesuniusaurus giannensis

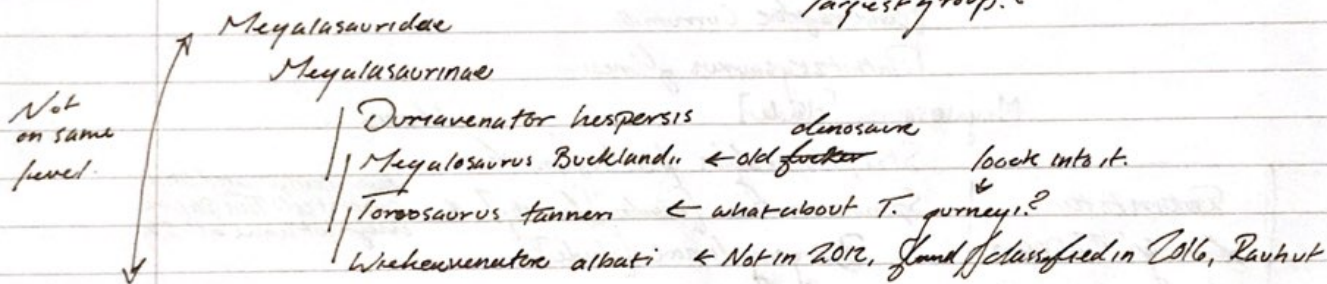
Poekilosphenon backlandii ← This whole genus is a bit mess.

A big issue, which is quite frustrating, is that this group, while containing my favorites, from Spinosaurus (Egypticus), to Baryonyx, to Ornatipes, also contains the entirety of Birds! And while I can't easily exclude Aves taxon, where do I draw the line above? Go too far and I can exclude say, heloned Ornatipes. Somewhere between Paraves and Aves is the spot, but it would probably be best if I include if I include classic raptors... that will make it a LONG list tho!

It's worth noting a 2019 phylogenetic analysis overhauls our the phylogeny I've been using but me and mine.

As I think I've said, phylogeny is not a big part of it. Tetanurae? you've in. Will have to go through for species though.

For unsure location, put in smallest largest group?



AVETRETEROPODA (sister to Coelurosauria, sister to Megalosauroidea)

Allosauroidea (clade)

Metriacanthosaurinae (clade) location debated. Potentially most basal, BUT more stable w/d.

Xuanchanosaurus guttaeensis

Yangchuanosaurus (genus)

Y. shangouensis ← Potentially CV 00214? Look into

Y. ziqiangensis

Metriacanthosaurinae [clade/subfam]

Shidaisaurus jiniae wiki? Paper?

Metriacanthosaurus parkeri/Walker

Siamotyrannus isanensis

Indus name ⇒ Sinraptor

S. dongi

S. hepingensis

debate, might be a Yangchuanosaurus

Allosauroiden

Allosauria (sister clade to Metriacanthosauridae, I think)

can you tell the type name? ⇒ Allosauridae (clade)

Allosaurus

A. europaeus

A. fragillus

A. jimmadsoni

Some debate if it's an allosaurus, but seems to be more in favor of it's own genus

Saurophyganax ~~maximus~~

Carclardontosauroidae (clade)

position in debate.

location COMPLETELY IN THE AIR. may be synonyms

might be more basal.

Neovenatoridae (clade)

Neovenator ~~salerii~~

Siat's meekerorum

clulantisaurus ~~tashkikouensis~~

Newer

Deltaidromeus agilis, Aniraptor liberatensis.

might be w/

coelurosauria?

Megaraptora (clade)

Gualicho skinkye

uncertainty high.

Luokiraptor Kitadaniensis

Australovenator wintonensis

Megaraptor namunvaiguii

Morusraptor (new)

Aerosteon riocolomandensis

Orkoraptor kirkbyi

All of these from really controversial positions in the Phylogenetic Tree.

Papator is only named from a hand and may be dubious.

Others?

Carclardontosauridae.

Kelmayisaurus?

just a jaw?

related to Eucarchonia w/ Benson + Xu?

Aerocanthosaurus atokensis

Concavenator concavatus

Eoacanthosaurus alnapis

Sauodulorops maortuensis

carclardontosaurinae (clade/subfam)

carclardontosaurus

C. iguidensis

C. saharicus

gigantosaurini

gigantosaurus carolinii

gigantosaurus roseae

Tyrannosaurus chubutensis

Coelurosauria (sister to allo... ) within Archosauria

/ Bicentenaria? argentina

/ Zulong Salteei?

Tyrannosauria (clade - LCA of T. Rex, Sparrow)

Tyrannosauridae

Proceratosauridae

Guanlong Wucai

Proceratosaurus <sup>loradleyi</sup> ~~bradleyi~~

Rileskus aristotocis

Sinotyrannus Kazuoensis

look into 2019 phylogeny!

And Asfaltovenator <sup>viator</sup> ~~viator~~

At the end just make <sup>part</sup> a book of <sup>uncertae</sup> incertae

sedis...?

Anotua ursula-

Scurumimus Albersdoefferi

Maybe more derived, location uncertain.

definitely a tyrannosauridae

Juratyrant langhami

Stokesosaurus Clevelandi

Yutyrannus maybe? huali

Pan Tyrannosauria

Not in Both Phy?

Loewen et al 2013?

Rafael Delant 2016

Voris et al. 2010?

debate in literature, a little.

Aviatyrannus "grandmothyant?" furrasica?

Dilony paradoxus

Santacrucator placidus?

Timimus Hemani

Some consider it a nomen dubium. Recall just 2 femurs.

Potential of juve & stork

Gotyrannus fengyi

continue to help ignore lines

Bayaracanth ostromi

Eutyranosauria

Raptorina? dubious genus... Kryptosani

Dryptosaurus aguilunguis

Alectosaurus olseni <sup>timur evotica</sup>

Xiongyuanosaurus hainanensis

Appalachiosaurus montgommeryensis

~~Stenomimus~~ ~~Ferrus~~ Bistahleversor seategchi

~~A. alba~~

~~A. remotus~~

The Tyrannosaur.

Tyrannosauridae

Tyrannoraptora.

A&C museum / uni for list?

Tyrannosauridae ← controversial phylogeny

Albertosaurinae

Albertosaurus sarcophagus

also - Coenen et al. 2013

Gorgosaurus libratus

diagnos.

Tyrannosaurinae

Alioramini? ← Brusatte & Carr 2016

Glanchoosaurus siensis ~~ferus~~

Alioramus

A. remotus

A. alta

...

Nanqsaurus hoglundi ~~just definitively a Tyrannosaur.~~

Teratophonus currieri

Distalonychus Sealeyi ~~might be here?~~ 2020 says no.

Lytronax argester

Duquenoisaurus ~~ferus~~

D. torosus

D. hornori ~~erubescens...~~

Zhuchengtyrannus magnus

Tarbosaurus bataar

Tyrannosaurus Rex.

Aorun zhaoi ← unsure location?

Ornitholestes hennani  
~~Ornitholestes hennani~~

Compsognathidae?

Spt Scipionyx? ~~might be outside Compsognathidae~~

Soevis a dumpt  
tentative  
group...

maybe (x10) or raptor.

Aniksosaurus darwini

~~Aristosuchus~~ pot Aristosuchus pusillus

Calamosaurus foxi (literally just 2 vertebrae... might not include)

Compsognathus longipes

Huaxiagnathus orientalis. (most basal?)

Juravenator, maybe (might not be a compsognathid)

Misulnia assipmetrica (dubious)

Smocalliopteryx gigas

Smocalliopteryx affinis

Xunmeng'ou of yingjiang, 15?

Tamylolagus fowlersi? basal?  
 Coelurus fragilis? Might be basal tyrannosauridea,

Tyrannoraptora

Maniraptoromorpha (includes coelacanthids?)

Cav et al 2015 classification.

Maniraptoriformes

Ornithomimosauria (clade then a bunch)

Serratoranas?

Ngwebasaurus thwazi (very basal)

Pelecanimimus polyodon

gonna stop at Pteranans. This is ridiculous.

Shenohsaurus orientalis

Harpymimus oxidoni

is ridiculous.

Deinoceratidae (fam)

Velociraptorans are birds!

Zenaidur macroura

Carodactylus bonapartei

Deinoceratus mirificus

complicated genus history

Ornithomimidae (fam)

Anserimimus planinychus

look into more

Callimimus bullatus

Ornithomimus

Ornithomimus samueli?

Ornithomimus / Struthiomimus

O. velox

sedens may exist

O. edmontonicus

Group Ornithomimidae

Struthiomimus altus

will add a lot...

Maniraptorana (clade)

under/location => Alvarezsauridae

Haplocheirus sollers

Ataslestri Cerrapolicensis

Ugly this a mess, im fat

=> Alvarezsauridae

be more inclusive than you show it for.

Adiltesaurus? Alvarezsaurus calvoi

(older) Patagonykinae (clade)

Patagonykus quertai

Bonapartonykus ultimus

Parvicursorinae (clade)

Ceratonykini (clade)

Ceratonykus oculatus

Xixiangkus zhungfi

Alamykus baatar



Fowler et al. 2020?

Tyrannoraptora

Maniraptoromorpha

Maniraptoriformes

Maniraptora

Alvarezsauridae

Ang Ayrolin et al. 2012

also Makovicky 2012?

(2019) *Nemegtomykus citri*

*Alvarezsauridae*

P. sp.? *Linhenykus*?

(2014) maybe a family?

*Parvicursorinae*

*Ciurpanykus zhangli*

*Ceratonykini* (last page)

*Parvicursor remotus*

Other Alvarezsaurids?

*Mononykini* (clade) ← not needed in Makovicky's

*Rigomykus pengi*

*Albertyomykus koneatis*

(2014)? *Bannykus wuiensis*

might be more basal than *Albertyomykus* & *Xixiamykus*

*Mononykus otecranus*

Kul yuvva? 2009...  
dubius?

*Linhenykus monodactylus*

*Stenonychia oberti*

*Trierarchonotus praimensis*?

Zanno 2018

Therapsid

Hartman et al 2019?

*Falcarius utahensis*

*Jiangchampsaurus yixianensis*

*Martini raptor*?

look into!

*Besiposaurus intersegetus*

*greenriverensis*.

*Ischilantaisaurus atheni*?

*Enigmosaurus mongoliensis*?

*Szechosaurus megapteris* inter. using the outside family?

*APKasaurus? erlesitaensis*

Senter 2007?

*Therapsid*

Maybe more derived?

are on  
out 2018 Zanno  
Hartman 2019

*Erlansaurus bellimanus*

*N. thronolux*

*N. mukintzi*?

*N. graffhami*? maybe more derived?

look up all these  
Phylagenes and  
print pictures.

*Nesheronykus yangi*

*Therapsid Chelonyx*

*Nesheronykus brevispinus*

*Szechosaurus galbrensis*

*Erlansaurus andrewsi*

Interchips?  
Check out later!

Smithsonian Collection access? Click form on collection overview siglat.

Matthew Carranno @ Smithsonian, Curator of Dinosauria  
email: carranom@si.edu

Not related to  
fellows, but  
Caroline Paris Furekli

American Museum of Natural History has a library!?

Mark A. Noell, curator and chief of division of paleontology  
noell@amnh.org

Field Museum of natural history?

Peter Makovicky - focuses on theropoda & relationships. dinosaur curator.

UCHICAGO DEP OF GEOPHYSICAL SCIENCES!

Ask a grad student  
where they get their  
lists? of

Ornithomimid dinosaurs

Rebecca Hunt-Foster rhuntfoster@ups.gov

WOMEN IN PALEONTOLOGY  
@Xcell DSC!

Theropods

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Rex boi - anatomy - Franziska Sattler - franziska.sattler.uk@gmail.com

Non avian Theropods - Sarah Davis