YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$250.

June
Jan 3d 1884

Rec'd of O C Marsh

April 1st $50.

May 1st $150.

June 1st 50.

250.

Two hundred and fifty dollars in all to date.

O. C. Marsh

Dr. Geo. Baum

$250.

June 12th 1884.

786

DEPARTMENT OF THE INTERIOR,

United States Geological Survey,

New Haven

~~Washington~~, July 7th, 1884

$100.

Recd. of O. C. Marsh

One hundred dollars advance

on Salary.

Dr. G. Baur.

Dr. G. Ban
July 7th 188
$100.

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$100.

July 22 1884

Rec'd of O Marsh one hundred dollars as advance on salary.

H. G. Bauer.

Dr Bu

$100.

July 22/

New Haven
Sept. 5th 1884.

$100.

Recd. of O C Marsh
one hundred dollars as
advance on salary.

Dr. G. Baur.

Baur
Sept 5th 84
$100. adv

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$100. Oct 8th 1884

Recd of O C Marsh

One hundred dollars

advance on Salary

Dr. G. Baur.

Bau
$100.

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$250.

Oct. 24th 1884.

Rec'd of O. C. Marsh the
sum of two hundred and
fifty dollars, as advance
on salary.

A. G. Beny.

Baur
$250.
Oct

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN. 15

Dec (illegible) 188 [1884?]

$50.

Rec'd of O. C. Marsh

fifty dollars advance

on salary.

Dr. G. Baur.

$50. Dr

Dec 15

[1884 Dec 15]

Palaeontology as assisted by Embryology.

Palaeontology of Vertebrates is becoming more and more a morphological science, forming a branch of comparative Osteology, and the best support for the phylogeny of vertebrates. There is another morphological science, Embryology, which is also an eminent support for the phylogeny.

Everybody knows to-day, that Ontogeny of an Organisme is a short recapitulation of its phylogeny. This related to the skeleton of Vertebrates: Morphogeny of the skeleton is a short recapitulation of the skeleton of its ancestors. Conf. my paper: On the tarsus of Birds and Dinosaurs.

It would be of the highest importance if Palaeontology and its sister-science, Embryology, would go hand in hand. I will give an example: Dinosaurs are now generally considered as the ancestors of Birds; if this view is correct we must find in embryos of Birds, especially the oldest birds, the Ratitae, characters of the Dinosauria. That this is really the case, I have proved in my above cited paper.

Such a manner of working would fulfil all the claims of a true scientific palaeontology, and could be possible with rela-

tively few expenses.

2000# per annum would be sufficient for the constitution of such a department of Palaeontology.

1500# must be paid to a man quite familiar with all embryological practicisme, and 500# for the laboratory and embryological material.

Such an institution would be the first in this kind and will certainly find imitation.

15 Dec., '84.

Dr. G. Baur.

Prof. C. P. Marsh

	#
Apr. 1. 84.	$ 50
May 2. 84.	150
June 1. 84.	50
July 7. 84.	100
July 22. 84	100
Sept. 5. 84.	100
Oct. 2. 84	100
Oct 24. 84.	250
Dec. 15. 84.	50.
Rec'd Jan 1st 85. —	950

Geol. Survey.

	#
1 Apr. – 30 June 84.	150
1 July – 30 Sept 84.	250
1. Oct. – 31. Dec. 84.	250
Due. Jan 1st 85 =	$ 650.

950 – 650 = $ 300 advance ~~290~~ #. Jan 1st 85

B. G. Baur. 1. Jan. 1885.

Jan. 2. 200 # Summa: 500 #

Jan 1st 85 — Advanced in sal. in all five hundred Doll.

B. G. Baur.

Schuchert (1938) saw the following receipts given M. by Baur

50.	April 1 – 1884	
150.	May 1	"
50	June 1	"
100	July 1	"
100	" 22	"
100	Sep 5	"
100	Oct 8	"
250	" 24	"
50	Dec. 15	"
200	Jan. 2 1885	
$1150		

His salary was
$150 fr ~~March~~ April ~~and~~ May – June
250 fr ~~April – May~~ July – Aug. Sep.
250 – fr Oct – Nov – Dec
650
500 Oradiann
$1150

1884

Baur.

Account for 1884

$500. advanced
Jan 1st 85:

YALE COLLEGE' MUSEUM,

NEW HAVEN, CONN.

$200.

Jan 2nd 1885

Rec'd of Marsh two hundred dollars — making in all five hundred dollars advanced above salary to date.

O. C. Baur.

Marsh had given Baur in 1884 = $1150.
Baur earned in 1884 650.
advanced — 500.

$200. Geo. Baur;

Jan 2nd 1886.

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$300.

Jan 12th 1885

Recd of O. C. Marsh
One hundred and fifty dollars
by check, and One hundred
and fifty dollars on account
in full ($300 in all) for a Collection
of Instruments, and Specimens
for Embryological Research
as per Catalogue delivered
with Collection.

H. G. Beaur.

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

$250.

Apr 2nd 1885

Recd of O C Marsh two hundred and fifty dollars in full for salary to date. the five hundred dollars already advanced to remain till October next.

Dr. G. Bauz.

Dr G. Bäne
$250. Apr 1/85

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

July 1st 1885.

I hereby agree to remain with Prof. March three years from this date, or till July 1st 1888. for the sum of sixteen hundred dollars per year.

Seven hours per day or forty per week. and one month vacation.

This agreement is void if the U.S.G. Survey does not give the Division of Paleontology the amount of money now given.

O. C. Marsh.

Agreement with
Dr. Baur
to July 1888.

New Haven Conn.

$200.

July 1st 1885

Recd of O C Marsh two hundred dollars. making up salary in full to date, and leaving $500. advanced to remain till Oct.

Dr. G. Baur.

Dr. Bauer
$200 July 1st 85.
for salary to date.

New Haven July 31/85

$100.

Rec'd of J. O. Church
One hundred dollars, advance
on salary, making seven
hundred ($700) in all, to
date.

H. G. Bauer

Dr. S. Bam
$100.
July 31st 1883-

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

188 5

Salary.

Jan. 1885 $ 200.

Apr. 2. " $ 250

June 17 " $ 50.

July 21 " $ 200

$ 700.

July 7. $: 100.

$300. advanced for Collection
& instruments of Embryology.

$200. promised for material
&c. for Embryology.

Embryology

New Haven Oct 23/85

$400.

Rec'd of O. Marsh
Four Hundred dollars, in
full for salary to Oct 1st
1885. and seven hundred
($700) dollars advance. the
latter to be paid at
the rate of not less than
$50 per month.

O. C. Marsh.

Dr. S. Bean
Oct 1st 1880

$400.

Marsh paid Baur in 1885 as follows

$150.	Feb 23, 1885	x
250	April 2	"
50	Jan 17	" x Receipt destroyed
200	July 1	"
100	" 7	" x
100	" 31	"
400	Oct 23	" Then B. in arrears $700.
80	Dec. 3	" x
1330	Paid Baurs	
500	from last year	
1830		
300	less collection	
1530		
1000	Earned salary	
530	overdrawn	

[Dec 31]

Advance $500. Jan 1. 1885.
300. Collection Jan 85
" $200. balance " "
" 150 Feb 23/85
" 150 "
" 500. April 1st 85.
advance. "

Sal. Apr 2nd 85. $250.
June 1st $50.
Salary to date July 1/85. $200.
advance ~~balance~~ due July 1 $500.
to remain till Oct.

Dr Beur

1885

Reims, April 21. 1887.

My dear Professor

I just return from Prof. Lemoine. He was very kind and showed me all his specimens. He sends you his best regards and thanks you for your volumes. From Stuttgart I started to Metzingen for the „Geologenversammlung"
I purchased some very splendid specimens of Ichthyosaurus, Teleosaurus, ~~Encrinus~~ Pentacrinus etc. ..., which are on the way to New Haven.
Please send the following sums to the named dealers:

1. Mark 185,50 to Bernhard Hauff, Holzmaden, Kirchheim, u. T. Württemberg
2. Mark 180,— to Friedrich Oberdoerfer, Praeparator in Plieningen bei Stuttgart.

There are two large Ichthyosaurus, which are worked out with the greatest care. If we had at New Haven one of these two men, it could be done a good deal in fine work. Mr. Hauff would perhaps accept a position at the Museum. I could only recommend him to you.

From Metzingen I started to Tübingen; where I was two days; than I went to Strassburg, Prof. Beneke was sick, but Dr. Doederlein showed me every thing of interest, and it was very much.

I have seen the Centrale carpi of a young Elephant; it unites later with the scaphoid. I found an enormous paddle of a Plesiosaurus from the Cretaceous of South-America; and I studied the most complete specimen of Lariosaurus from Italy and different other things.

I am going to Paris in the evening. I shall write you again from that place.

I have to end, because I must go to the train.

Yours Very Respectfully
Dr. G. Baur.

London. 20. Mai. 87.

My dear Professor

My least letter was written in Reims one month ago.
I went to Paris the 22d of April and stood there 5 days. I studied the Permian Reptiles, found a good collection of Archegosaurus, but as a whole the Paris Museum was of no great importance for the morphology of the Reptilian skeleton. From Paris I went to Havre. From that place I started for Caen, but I was very

much disappointed, to find Prof. Des-
longchamps suffering from rhumatisme
and unable to leave his house.
The result was that I could not see
anything at all in Caen of the
collection of Teleosaurus. I had to
stay two days in Caen, because there
was no communication with Havre.
In Havre I found a pretty good collection
of Pliosaurus, Teleosaurus, and
Ichthyosaurus, all from the Kimmeridgien.
Dr. Lennier, the Director of the
Havre Museum was very kind.

The 2d of May I started for London.
The results of my studies in the
South-Kensington Museum are very
much better than I had immagined
they would be. The whole morphology
of the Sauropterygian and Ichthyopter-
ygian Skeleton is as clear now as that
of Sphenodon. The most important
collection of Ichthyosauria and Plesio-
sauria I have seen near Peterborough
at Mr. A. Leeds'.
He has about 5 disarticulated skeletons
of Baptanodon, that you can study
every bone. That it is really Bapto-

nodon, I do not doubt at all. There are allways 3 carpals in the first series, exactly as in your specimens; the humerus is just the same. But the most remarkable point is, that there are at the ~~outer~~ most anterior end of the jaws little rudimentary teeth. I could study the whole shoulder-girdle and pelvis. The clavicles are enormously developed. The bones are in a wonderful condition. Even the atlas and axis are preserved. It was on these specimens, that I found the key for the morphology of the Skull of the Ichthyosauria.

The collection of Plesiosaurus and Pliosaurus is of the same wonderful condition.

Mr. Leeds has one skeleton of Plesiosaurus, in which every bone is separate, not a single abdominal rib is missing, even the little hypapophyses of the atlas and axis are preserved.

Besides that, there is a large collection of entire skeleton of Crocodiles.

He has the pelvis and some vertebrae of Ornithopsis, a wonderful pelvis and Femur of Ornithosaurus and so on.

This collection is the best I have seen of Scelidosaurus, Plesiosaurus and Cricodilia. All specimens are from the Oxford Clay.

You must see that you can get the collection, which is of the highest importance for you. I think Mr. Leeds

who is a farmer and only an amateur
of bones, would be you have it for a good
price.

I was back from Peterborough and
Cambridge last Tuesday. All the
people of the Kensington Museum
are of very great kindness.

Tonight I leave London for Brussels.
There to be back in New Haven about
the 7th of July.

Hoping you are in good health

I am yours very cordially

G. Baur.

Your last check was received.

Please send me at once to Munich $ 200.

I had different expences for drawings and
so on, that I am pretty short of money,
until I am back in Munich.

G. B.

✓ means receipts seen by Schuchert in 1938.

Dr G. Baur, 1886 (1)

✓ Jan 5th 1886.		advance	$540.
✓ Feb 2	"	"	80.
✓ " 23		"	50.
✓ Mar 2	"	"	30.
✓ " 6.	"		50.
✓ Apr 3	"	"	80.
✓ " 6	"	"	60.
✓ May 3	"		80.
✓ " 28	"		50.
✓ June 3	"		80.
✓ " 26	"		30.
✓ July 3	"		80.
			1210.
Salary Jan 1st to July 1 $800.			800.
July 2/86.		advance	$410.
✓ July 20th 86			$40. ✓
✓ Aug 5th "			140. ✓
✓ Sept 20th "			100. ✓
✓ Oct 4th			140. ✓
✓ Nov 4th "			100. ✓
✓ Dec 4th 86			80. ✓
			$1010
Salary.			700
(Over)		add $50.	$360. 310

Dec 15th 86. $80.

Dr. Baur.
Jan 1st to July 1
1886.

Baur 1886

Dr. Baur, 1886. (2)

advance July 1st 1886. $410.

✓ July 20th		40.
✓ Aug 5th		140,
✓ Sept 20th		100,
✓ Oct 4th		140,
✓ Nov 4th		100,
✓ Dec 4th		80.
✓ Dec 15th		80,
✓ Jan 6th (87)		100
		1190.
	Salary July 1 – Dec 31	800,
		$390.

Jan 6th 87. advance

6/800
133

Dr. Bann.

July 1. - Jan 1.

1886-7

Dr. Baur - 1886 (3)

Jan 1st 86 ——— advance = $540.

March 1st 86. " = $420.

March 6th 86 Cash advanced $50.

Check no 35.

(Vouchers July 1st June 30th 86)

July Aug & Sept 85		$300.
Oct Nov Dec.	"	420.
March.	1886.	140
Feb	"	140
Jan	"	140
Apr		140
May		140
June		140
		1560

Dr G. Bauer
March/86

A/L