







1077

Japan

1854-1855

1856-1857

1858-1859

1860-1861

1862-1863

# STOMATIDÆ

## Engystomas

eth; shoulder-girdle  
and sacral lateral pro-

ed over the tropical  
two genera entering  
one of which is the  
*Engystoma carolin-*  
forms are terrestrial,  
e ground, some are  
arboreal.





1896  
8775

iii Chichimeca 1896  
Spring 618 Total  
Aut. 156 "

Spent from Yokoh. March 2

1896	Mar	Apr	May	Notes
March	9 - 11			50 m. SSE of New Mexico
3721	14	8		13 m. East of Shoyasaka
	17	1		
	18	25		30 m. SSE of New Mexico
	21	3		
	22	21		SSE "
	28	10		SE "
	24	5		35 m. SE "
	30	6		SE SSE "
Apr.	2	26		
	3	51		
	4	22		
	5	8		25 m. S of Kamayuki
	6	28		near Yokohama
	13	25		
	19	25		30 m. S of Yokohama
	22	28		
	23	30		
	27	18		
	29	12		
May	3	21		
	8	18		
	9	23		



161 Dec 11. 1896.

May 11-16	16	near
14-18	"	
15-26	"	
16-32	"	
17-38	"	
20	4	
21	12	
28	10	
27	5	
29	11	
30	9	
June 6	41	

From Kalked - Logatka found  
no seals.

July 29	16	near Cape Africa
30	9	
31	6	
Aug 1	4	163° 57' - 57° N. 53'
2	3	164° 10' - 58 5
3	3	
8	8	
9	16	
11	3	
12	13	164 0 . 56 14
18	9	165 9 56 36
19	9	
23	43	165 32 56 25
25	18	165 35 56 29
	132	

1894  
at [unclear]  
152  
July 26  $\frac{4}{156}$  160 41 - 56 26

~~Apr. 27. Located a few  
snails at south part of  
D. I. 8~~

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From Jay-off log  
to Fish Dept. Tokyo.

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i Chiswick. 1876  
Capt. Kinnaird.

Spring 1870 mig. N  
Aut. 1871 mig. S.

Shakotan

July 5	1	and 10 on E of <del>Shakotan</del>
July 14	3	20 m off Shakotan.

Hunted only at Shakotan and  
did not go to Comoros etc.

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Fall.

✓ Kairua wh. 1896

Total 234.

18 July 2 seals 168 53-54 10

~~25~~ ~~20~~ "

from 19 July 21 seals  
to Aug 7 5

July 10 24 " 168 1 - 55. 43

11 2 30 "

12 3 30 "

to 13 3 3 "

23 3

24 33 165 47-56 9

25 3 4

4 Sep. 1 3

2 18 164 41-56. 5

3 14

4 3

to 6 3 166 15 56. 32

7 26

18 35

9 2

215

Apr. Spill bottles 2-7 inches high  
white, brown, red & blue  
for water. All same material.

From off eye to fish Dept.

Fall catch 1896  
Juneau

Aug 23 - 1 seal off Chiniqui Island  
D. Kurita

from off. rep. to Fish Dept.

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Myra's son

John

At Hoje Mass. Spring 1896

Tomc. 84. Spring 1896

Tomc. March 22 - 20 June

locality from off

Knickson at off garden.

No fall creek

Tomc. off. 84. to Tomc. Mass.

17.3007  
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 17.3098  
 17.3099  
 17.3100

Golden Fleece, Yokohama . 1897

Capt. E. W. Funcke. 127 tons

crew 29; number of hunters white

7; Indians 0; boats 8; canoes

0. guns 16; spears 0.

Date	Lat. Long.	Long.	Seal				Start	Secs	Remarks
			♂	♀	♀	♀			
Dec 8	left Yokohama								
12	35 56	141 17	1	7	7	8	<del>40</del> <sup>15</sup> 40	140	
13	35 49	141 11	-	-	-	-	-	3	
14	35 56	141 00	-	-	-	-	-	13	
15	35 00	141 20	-	-	-	-	-	12	
16	36 35	141 08	-	2	2	2	3	30	
17	36 32	141 20	2	2	4	7	7	45	
18	36 34	141 25	3	11	14	20	20	65	
20	36 20	140 56	-	-	-	-	-	7	
21	36 15	140 52	-	2	2	3	3	11	
22	36 03	141 15	3	18	21	30	30	150	
25	35 59	141 30	-	-	-	-	-	9	
26	36 08	141 02	2	7	9	15	15	20	
29	Anchored Yokohama								
31	left Yokohama								
Apr 5	37 20	141 30	5	12	17	25	-	-	
6	37 18	141 36	11	14	25	35	-	-	
8	37 40	141 43	3	6	9	12	-	-	
12	Anchored Oginogama								
13	left Oginogama								
17	38 06	142 17	3	5	8	16	-	-	

		Gold	Fleeces	'97	Stk.	Seen.
		Wt.	Wt.	Tot.		
Apr 18	38 16	142 27	4	6	10	60
19	38 15	142 31	6	12	18	70
20	38 37	142 23	7	18	25	90
24	38 45	141 52	2	3	5	6
25	38 40	140 45	3	1	4	38
26	38 20	141 10	13	20	33	60
27	38 30	141 20	23	14	37	200
28	38 37	141 27	2	2	4	4
29	38 35	141 15	13	4	17	30
May 1	39 20	142 38	2	-	2	6
2	38 43	143 05	4	10	14	20
3	38 57	142 06	16	13	29	60
5	38 50	142 03	1	-	1	1 from share
6	39 22	142 15	16	5	21	30
7	39 27	142 18	3	1	4	4
9	38 33	142 12	41	14	55	130
10	38 31	142 13	10	2	12	15
12	40 33	142 25	11	7	18	25 30
13	40 28	142 20	8	9	17	25
14	40 53	142 15	12	9	21	30
15	41 17	142 01	4	2	6	8 very few
16	41 19	142 12	0	4	4	5
18	42 28	144 03	1	0	1	1
19	42 45	144 35	3	1	4	5
20	42 41	144 40	0	0	0	0
21	42 08	144 45	1	0	1	1
22	41 43	143 00	5	2	7	10
23	42 03	142 12	5	2	7	9 20
24	42 08	142 09	7	4	11	15
25	41 59	141 56	1	0	1	1 from solon
26	42 10	141 53	7	1	8	11



Gov. Place '47

			male	female	total	shot	seen
May 27	4209	14149	11	6	17	25	
29	4213	14147	20	8	28	35	50
June 1	4204	14140	0	0	0	0	0
3	4135	14330	3	2	5	7	
4	4212	14403	6	8	14	20	
5	4215	14414	4	3	7	9	
8	4245	14528	2	0	2	2	
9	4237	14528	0	0	0	1	1 heard 6 am to 5 pm.
10	4311	14612	2	0	2	2	
11	4320	14730	0	2	2	2	
12	4332	14745	2	2	4	5	
13	4432	14730	0	1	1	1	
14	4432	14732	1	0	1	1	
18	4357	14720	1	0	1	1	
19	4408	14730	4	2	6	7	
21	4450	14800	1	0	1	1	
22	4503	14832	0	1	1	1	
25	4334	14653	1	0	1	1	
26	4257	14605	5	2	7	8	
27	4241	14520	7	8	15	18	
28	4120	14510	0	3	3	3	
29	4157	14418	0	1	1	1	
July 1	Anchor.	Halkodete 635					Saw 1st skin
7	left	Halkodete					
9	4147	14346	0	1	1		from skinner
			334	302	636		
			♂	♀	Tot.		

		Grid Floor			'97		Full.
		N	E.	W.	F.	Tot.	Shot at.
July	25	5350	16330	0	4	4	#
	26	5439	16359	2	1	3	3
	27	5428	16338	1	8	9	#
	28	5438	16428	1	1	2	=
	29	5538	16430	1	0	1	
	30	5604	16545	3	12	15	
	31	5608	16540	2	2	4	
Aug	1	5650	16605	1	0	1	
	2	5636	16540	3	14	17	20
	3	5640	16550	5	21	26	
	4	5630	16510	8	29	37	
	6	5614	16520	4	26	30	
	8	5611	16550	1	0	1	From schooner
	11	5629	16616	2	3	5	
	13	5628	16700	3	15	18	
	16	5632	16630	5	18	23	
	19	5632	16703	3	15	18	
	21	5703	16532	0	3	3	
	22	5639	16620	0	3	3	
	23	5653	16648	1	3	4	
	24	5604	16649	1	2	3	
	25	5610	16618	1	0	1	
	26	5652	16520	1	4	5	
	31	5654	16350	1	1	2	
Sep	2	5703	16448	1	1	2	
"	8	5420	16103	1	2	3	Three boats missing. Two boats still in " " " "
	9	5420	16100	2	8	10	
	10	5414	16056	4	18	22	
	12	5346	16010	1	2	3	

Gold Fleece 1897 Fall.

Sep 12	<del>5346</del> 16010					Landed at Cape Korloff.
19	5420	16100	0	2	2	
21	5411	16052	2	3	5	
22	5400	16051	1	1	2	
Oct 21	Anchor	Miako	Harbor	Japan		
Nov 1	"	Yokohama				
			62	222	284	
			♂	♀	Tot.	

Ishikawa Maru: 1897

Golden Gate spoke he

April 30, ab.  $39^{\circ} 20'$  -  $142^{\circ} 28'$

with 174 shells.

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Silver Fleece '97  
Spoken by Gordon Fleece  
May 17, ab.  $42^{\circ}00' - 142^{\circ}20' E$   
504 skuis

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Spoken by Gordon Fleece  
Aug 27 ab.  $57^{\circ}08 - 164^{\circ}58$ .

Pointes 1897

Spoken by Golden Fleece

July 30 ab.  $56^{\circ}04'$  -  $165^{\circ}45' E$

C. G. Cox 1897  
Spoken by John Fleece  
ab. 56° 29' - 166° 16 E on  
Aug 11.

Carico 1897

Spoken by Golden Fleece  
about  $56^{\circ}19'$  -  $167^{\circ}04'$  E  
on Aug 12.



Geneva 1897 falls

Spoken by Gordon Flecker  
at. 56°55' 163°40' E. on  
Sep. 5.

256	636	166
442	158	507
<u>698</u>	794	673
	365	457
	166	39
	<u>531</u>	496

377		547
124		492
<u>501</u>		55

492

39  
94  
133

124  
55  
179  
135  
314

678  
507  
171

Tull Catch 1897

Jap.

Chishima	i	68.	256 ?
"	iii	68	<del>198</del> ?
Kaio		87	166 ?
Wakai Yakumo		44	155 ?
Tenryu		<del>40</del>	
? Hoju			
Kaiyu		72	<del>457</del>
Yachiyo			48 x
			55 1/2
			<u>829</u>
			833

Am. Am.

Golden Fluee			
Silver Fluee		127	284 x
Silver "			182 ?
			<u>426</u>

British

Pointer		224 ??	B.
Pioneer		?	.
C. g. Cox		?	B
Chico		?	B
Geneva		?	B.

J. 829  
A. 426  
B. 224  
1479  
1000  
2479

-1

Spring catch 1897

Christina i Jap. 442 ?

iii 636 ?

Kaio 507 ?

~~Juston~~

Umohi 385+12 397 ?

Yakumo 231 ?

Ishikawa 404 ?

Seitoku 74 ?

Tenpu 294+27 321 ?

? Hoju ?

Tuyotsu 6 +

Aigo 152 ?

Kaiyu 457 +

Tokiwa 183 +

Yachiyo 492 +

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4302

112

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4414

Kamaishi Am.

Golden Hecce 636 +

Silver Hecce 533 ?

St Lawrence 508 ?

Uta 602 ?

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2279

Fall cutler '97

	Unit.	Land
Mermaid	900?	Hak
Pointer	286?	.
Dorrealis	300?	.
Geneva	389?	.
Director	810?	.
C.G. Cox	1187?	.
Umbrina	817?	.
Casco	872?	.
Sadie Turpel	648?	.
A.E. Paint	890?	.
Vera	382?	Am.
	<hr/> 7481	
Agnus McDonald	489	
	<hr/> 7970	

J. 4302  
 a 2279  
 D 7481  
 14062.  
 D 489  
 14551

Spring 14062?  
 Fall? 2479?  
 16541  
 Sp. 489  
 17030







