

1974

"African Catalog" and Notes

Hal L. Black

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There are the corrections made
by Hal Bloch in Nov, 1974 see curled number is a "good" number
Correction need to be added
to Cat # the specimen.
see 1974
w. Case

Band	Tag	MSB	
	(767) Nt	33868	630 Rswinnys 33748
642-75729	767 Hc ✓	33903	629 R. sim. 33757
642-75718	756 Hc ✓	33892	627 Nt. 33755
642-75715	757 Ms	33889	628 Nt 33756
642-	(956) Ms	33857	
	(753) Nt	33854	
	(758) Ms	33859	A226 Cp 33497
642-75731	769 Hc ✓	33905	A228 Cp 33499
	(761) Hc ✓	33862	A227 Cp 33498
642-75720	758 Rsim	33894	A225 Cp 33496
642-75723	761 Nt	33897	632 Cp. 33750
	(769) Hc	33870	
642-75736	774 Cp	33910	234 Hc 33505
642-75722	758	33894	625 Hc 33753
	(774) Rsim	33875	A236 Hc 33507
	A198 Hc	33483	624 Hc 33752
	(764) Hc	33865	A232 Hc 33503
642-75728	766 Rswinnys	33902	A231 Hc 33502
	(766) Rsim	33867	626 Hc 33754
	(771) R. simulata	33872	623 Hc 33751
	A297 Cp	33567	A230 Hc 33501
	(772) R. simulata	33873	A235 Hc no no MSB
	768 Nt	33869	A233 Hc 33504
642-75734	772 Cp	33908	
642-75730	Hc	33904	

64275714 - NT 33888
 64275722 - NT 33896
 658 NT 33773
 64275721 NT 33895
 628 NT 33756
 627 NT 33755

631 Cp. 33759

HLB 81A R. sim 33411

HLB 84B R. bles i. no MSB

HLB 82A 33412

HLB 83 33413 R. sim
~~can't~~

~~HLB 83~~
 33597 Hc cap't
 spec. lat ^{resoln}

478 Ms

64275745 (~~783~~) Ms.
 64275743 (~~781~~) Ms
 64275738 (~~776~~) Ms
 64275741 (~~779~~) Ms
 64275740 (~~778~~) Ms
 64275742 (~~780~~) Ms
 64275744 (~~782~~) Ms

~~642757~~
 7-79191 R. simulator ?

642757-37 (~~775~~) R. simulator

Hal L. Black
started
31 Aug 1972
Lusaka, Zambia

African Catalog

(1)

TOTAL 6758

5 mi N. Lusaka, Kriel Caves (Kriel Ranch)

Central Province, Zambia

30 August 1972

A 1	♂	<i>Hipposideros catter</i>	8.3g	alcoholic	70% EtOH
" 2	♂	"	8.3g	"	"
" 3	♂	"	8.5g	"	"
to JSF	" 4	♂	7.5g	"	"
" 5	♂	"	8.2g	"	"
" 6	♂	"	8.3g	"	"
" 7	♀	"	8.4g	"	pg.
" 8	"	"	9.7g	"	pg.
" 9	"	"	7.6g	"	pg?
" 10	"	"	7.5g	"	pg. ⑦
" 11	"	"	7.8g	"	pg.
" 12	"	"	8.3g	"	pg.
" 13	"	"	8.5g	"	pg.
" 14	"	"	7.1g	"	pg.
" 15	"	"	8.3g	"	pg.
" 16	"	"	7.6g	"	pg.
to JSF	" 17	♂	3.3g	"	"
" 18	♂	"	3.6g	"	"
to JSF	" 19	♂	3.6g	"	"
" 20	♂	"	3.6g	"	"
" 21	♀	"	3.7g	"	pg.
to JW	" 22	♀	3.6g	"	"

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Catalog - African

(2)

" 23	♀	<i>Clootis percivali</i>	3.8g	alcoholic	70% EtOH
" 24	♀	"	3.8g	"	"
" 25	♀	"	3.4g	"	"
small	" 26	♂	5.4g	"	"
" 27	♂	<i>Nycteiis thebinica</i>	9.1g	"	"
" 28	♂	"	9.7g	"	"
" 29	♂	<i>Rhinolophus simulata</i>	6.9g	"	"
" 30	♂	"	6.5g	"	"
" 31	♂	"	7.3g	"	"
" 32	♀	"	7.6g	"	no lact.
to JSF	" 33	♀	7.3g	"	"
" 34	♀	"	7.8g	"	"
" 35	♀	"	8.1g	"	"
" 36	♀	"	7.6g	"	"
" 37	♀	"	7.8g	"	"
" 38	♀	"	6.9g	"	"
" 39	♀	"	6.5g	"	"
to JW	" 40	♀	6.9g	"	"
" 41					
" 42					

Kriel Cave = Ngwerere Cave

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1972

Catalog - African

(3)

Chipmunk Cave, 13m. S, Lusaka, C.P. 15°38'-28°14'

4 September 1972

Frank Ansell has this specimen	41	♀	<i>Hipposideros commersoni</i>	no lat	61.4g	skull
Frank Ansell has this specimen	42	♀	"	"	no lat.	59.9g alcoholic
	43	♀	<i>Rousettus aegyptiacus</i>	found dead in cave	94.5g	skull
	44	♀	"	"	91.4g	alcoholic
to JSF	45	♂	<i>Miniopterus schreibersi</i>		9.5g	alcoholic
to JSF	46	♂	"	"	9.8g	"
	47	♂	"	"	9.5g	"
	48	♂	"	"	(abnorm. penis) 10.1g	"
to JSF	49	♂	"	"	(abnorm. penis) 10.3g	"
	50	♂	"	"	9.8g	"
to JW	51	♂	"	"	9.5g	"
	52	♂	"	"	9.6g	"
	53	♂	"	"	10.0g	"
	54	♂	"	"	8.5g	"
	55	♀	"	"	p.g.	10.7g
	56	♀	"	"	11.0g	"
to JW	57	♀	"	"	10.8g	"
	58	♀	"	"	10.4g	"
	59	♀	"	"	10.9g	"
	60	♀	"	"	10.3g	"
	61	♀	"	"	9.8g	"
	62	♀	"	"	10.8g	"
	63					

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(4)

5 mi N Lusaka, Kriel Ranch Cave, C.P. Zambia

25 Sept. 1972

to JSF	63	♂	<i>Cloacotis periculi</i>	alcoholic	3.35g	died overnight
to JSF	64	♂	<i>Cloacotis periculi</i>	"	6.20g	died overnight
to JW	65	♂	<i>Rhinolophus simulatrix</i>	"	5.90g	died 8-10-72
	66	♂	"	"	5.15g	"
to JSF	67	♂	<i>Hipposideros caffer</i>	"	7.55g	6.85 " "
	68	♀	"	"	6.90g	6.5 " "
to JW	69	♀	"	PG	8.5g	died 8:11:45 AM 10/72
	70	♀	"	"	8.9g	died 12:20 "
	71	♀	"	"	8.3g	" " "

5 Sept. 1972

to JSF	72	♂	<i>Cloacotis</i>		3.8g	alcoholic
--------	----	---	------------------	--	------	-----------

30 Sept 1972

to JSF	73	♂	<i>Cloacotis</i>		3.7g	alcoholic
	74	♀	"	PG	4.4g	"
	75	♀	"	PG	4.7g	"

7 August 1972

to JSF	76	♂	<i>Cloacotis</i>			alcoholic
?	77	♀	<i>Cloacotis</i>			"
	78	♀	<i>Rhinolophus</i>			"
	79	♀	"			"
	80	♀	"			"

African catalog

(5)

Kriel Cave, Kriel Farm 5 mi. N. Lusaka, Zambia

30 Sept 1972

81 ♀ *Rhinolophus simulatus* 9.2

82 ♀ " *simulatus* 10.2

✓ 83 ♀ " *simulatus*? 7.5

84 ♂ " *blasii* 8.7

85 ♀ *Nycteris thebaica* 10.5

86 ♀ " " 9.3

to JW 87 ♀ *Hipposideros catter* 10.0

88 ♀ " " 10.7

to JSF 89 ♂ " " 8.6

90 ♂ " " 9.2

91 ♂ " " 8.1

19 Feb 1973

92 ♂ *Rhinolophus simulatus* 7.8g

✓ 93 ♂ " *simulatus* 8.2g 16!

94 ♀ " *blasii* 9.4g

Hell Black

Shrews deep in cave
owl at entrance

Catalog - African

(6)

Chipmunk Cave, 18 mi. S. Lusaka, C.V. Zambia

18 October 1972 4:30-5:30 PM

1 100 ♀ *Hipposideros commersoni* 99.3g 16. alcohol

" 101 ♂ " " 118.0g "

" 102 ♂ " " 125.5g "

to JW " 103 ♀ *Pousettius aegyptius* no lact 101.8g "

to JSF " 104 ♂ *Hipposideros commersoni* 101.4g "

to JW " 105 ♂ *Pousettius* 111.5g "

" 106 ♀ " no lact 105.8g "

" 107 ♂ " 112.4g "

" 108 ♂ " 124.8g "

" 109 ♀ " (with young attached) 119.0 lact. "

" 110 ♀ " young of above female 21.6g "

to JSF " 111 ♀ " with young attached 134.9g "

to JSF " 112 ♂? young of above female 23.1g "

" 113 ♀ " no lact 103.7 "

UNIV. of Zambia Campus, Lusaka, Zambia

24 Oct 1972

NOT

CAT

A 114 ♂ " 72g shot op. colon

Kriel Ranch, 5 mi. N. Lusaka, Zambia

1 August 1972

A 115 ♂ *Hipposideros catter*

" 116 ♀ " "

" 117 ♀ " "

81A = MSB 33411

81B = *Rhinolophus simulatus*

82B = *R. simulatus*

84A = MSB 33414 *R. simulatus*

Catalag - African

⑦

H21 L Black

1972-3

Kriel Ranch (caves, 5mi NW Lusaka, Zambia)

18 Sept. 1972

1118	♀	<i>Rhinolophus</i>	AG	118a body	alcoholic
" 119	♀	<i>Nyctalus</i>	PG	119a embryo	"
" 120	♀	<i>Hipposideros</i>	catter	PG.	"
" 121	♀	"	"	PG.	"
" 122	♀	"	"	PG.	"

15 Oct. 1972

1123	♀	<i>Myotis</i>	schreibersii	PG.	9.8g	alcoholic
" 124	♂	<i>Rhinolophus</i>	simulator	"	8.1	"
" 125	♀	<i>Hipposideros</i>	catter	PG.	11.2g	"
" 126	♂	"	"	"	8.8g	"
" 127	♀	<i>Nyctalus</i>	"	PG.	14.9g	"
" 128	♀	"	"	PG?	11.3g	"
" 129	♂	<i>Clootis</i>	"	"	3.6g	"
" 130	♀	<i>Rhinolophus</i>	sumneri?	PG	8.6g	"
" 131	♀	<i>Hipposideros</i>	catter	PG	11.4	"
" 132	♀	"	"	PG?	8.4	"
6JSF " 133	♂	<i>Rhinolophus</i>	simulator	"	7.5	"
" 134	♀	"	"	PG	10.5	"
" 135	♀	"	"	PG.	10.3	"

Catalag - African

⑧

Lionel Nedoff Farm, 10 mi E on Leopards Hill Rd, CP, Zambia

4 Oct 1972

"lizard buzzard"

Kriel Ranch (Farm) 5mi NE Lusaka, Zambia

26 Nov 1972

7 2.5mi NE Lusaka, Zambia

30 Nov. 1972

nightjar

Kriel Farm, 5mi NW E Lusaka, Zambia

23 Jan 1973

NOT

CAT

MSB

A139	♀	200 eggs	8:30 AM	203.2 - crop	(no fruit seen)
A140	"	"	9:00 "	243.5 - crop	
A141	♀	"	9:00 "	218.0 - crop	(fruit seen)
A142	♀	Emerald sparrow	9:50	64.5 - crop	
A143	♀	"	9:50	55.9 - crop	
A144	"	"	9:50	58.5 - crop	0.0037R
A145	♂	hawk	9:15	103.4 - crop	0.0063L
A146	"	hawk	9:20	188.4	

12 Feb. 1973

JW A147 ♀ *Hipposideros* catter 9:50

JW A148 ♀ " " 9:50

NOT

CAT

MSB

JW A149 ♂ " " 9:50

JW A150 ♀ " " 9:50

African Catalog

Knel Farm 6 mi. NE Lusaka, Zambia

5 Dec. 1972

outline	A151	♂	<i>Nycterus woodi</i>	
outline	A152	♂	<i>Clethrionomys persicalis</i>	
	A153	"	"	
outline	A154	♀	<i>Hippodamia dorothea</i>	6.5g
				12 Dec. 1972
outline	A155	♂	<i>Rhinolophus swinnyi</i>	6.6g
	A156	♂		29 Dec. 1972
			<i>Rhinolophus simulatus</i>	7.5g
			church, Lusaka Zambia	

	A157		Tachina displaced label	
	158		"	
	cat 159	♂	16.10g	
	160		displaced label	
	cat 161	♂	17.3g	
NOT	162		displaced label	
CAT	163		displaced label	
MSB	164		"	
	165		"	
	166		displaced label	
	167		"	
	168		"	
	169		displaced label	
	170		"	

A171 displaced label

172 "

173 "

NOT cat 174 ♀ 18.82g

CAT 175

MSB 176

cat 177 ♀ 16.35g

cat 178 ♀ 17.90g

cat 179 ♀ 16.44g

180

fig misplaced

1 mi S 1/2 mi E Kuperia Siding, C.P. Zambia

28 Feb. 1972

181-900 when at
caught during
trapping period!

A181	♂	<i>Miniopterus schreibersi</i>	9.12g
182	♂	"	9.25g
183	♂	"	8.35g
184	♂	"	10.12
185	♀	"	9.05
186	♀	"	9.32
187	♀	"	9.31
188	♂	<i>Clethrionomys persicalis</i>	4.11
189	♂	"	3.43
190	♀	<i>Rhinolophus blasi</i>	9.22
191	♀	<i>Rhinolophus swinnyi</i>	6.39

African catalog

28 Feb. 1973

⑪

cat	time capture	total weight	stomach wt.
192 ♀ <i>Rhinolephus simulater</i>		8.41g	
193 ♀ " "		7.66	
194 ♂ " "		7.23	
195 ♂ " "		6.47	
196 ♀ <i>Hippodamia cater.</i>		6.73	
197 ♀ " "		8.64	
198 ♀ " "		8.14	
199 ♀ " "		8.94	
200 ♂ " "		9.04	
201 ♂ " "		8.79	
202 ♂ " "		9.21	
to JW 203 ♀ " "	8:30 Full	10.53	1.06
to JW 204 ♂ M.S.	8:47 Full?	1.56	.37
to JW 205 ♂ <i>H. Cater</i>	8:47 Full	10.56	.90
206 ♀ M.S.	8:40	9.75	
207 ♀ M.S.	8:40	9.41	
to JW 208 ♂ <i>Hippodamia cater</i>	8:23	8.63	
to JW 209 ♂ M.S.	9:10	9.70	
to JW 210 ♂ <i>Cloacis peruviali</i>	7:10	3.95	.39
211 ♀ " "	8:27	3.92	
to JW 212 ♂ " "	9:15	4.25	.43
cat to JW 213 ♂ <i>R. blasi</i>	9:00	9.57	.54
214 ♀ <i>R. sim?</i>	9:00	7.80	
to JW 215 ♂ <i>H. cater</i>	9:00	8.71	1.03
to JW 216 ♂ " "	9:00	9.13	1.22

African catalog

20 Feb 1973
bird cave

⑫

cat	time cap.	total weight	stomach wt.
A 217 ♂ <i>Rhinolephus simulater</i>	8:36	7.54	
" 218 ♀ " <i>blasi</i>	8:36	9.20	
to JW " 219 ♀ M.S.	8:36	10.25	
14 March 1973			
* to JW A 220 ♂ <i>Rhinolephus simulater</i> (20)	8:24	9.46	.51
* to JW A 221 ♀ <i>Hippodamia cater</i> (2)	7:46	8.61	.92
* to JW A 222 ♂ <i>Cloacis peruviali</i> (#6)	7:56	4.26	.32
* to JW A 223 ♀ " " (#16)	8:10	4.88	.67
" 224 ♂ " " #17 full died	8:11	no wt.	
" 225 ♀ " " #12 died full	8:05	3.64	
" 226 ♀ " " #21 died full	8:16	3.07	
" 227 ♀ <i>unidentified</i> grey #24 died full	9:21	3.16	
" 228 ♂ " " #9 full died	8:00	3.09	
" 229 ♂ <i>Rhinolephus simulater</i> #32 full	8:29	8.07	
unidentified #230 ♀ <i>Hippodamia cater</i> #11 died	8:03	6.24	
" 231 ♀ " <i>unidentified</i> grey #14 3/4 died	8:15	6.91	
" 232 ♀ " <i>unidentified</i> grey #18 died 1/2	7:58	6.85	
" 233 ♀ <i>unidentified</i> grey #13 full died	8:07	6.65	
" 234 ♀ " " " #5 died	7:55	7.16	
unidentified grey #235 ♂ " " " #25 full died	8:25	6.81	
" 236 ♂ " " " #27 1/2 died	8:20	7.84	
" 237 ♂ <i>Rhinolephus simulater</i> #10 no pellet 1/2	8:02		
" 238 ♂ " " " #18 no pellet 1/2	8:13		
" 239 ♂ <i>Rhinolephus blasi</i> #50 one pellet died	8:39		
240 ♀ " " " #25 11 pellets saved	8:22		

4 241	♂	<i>C. locotis percivali</i>	#22 released full, ^{diag} pellets	8:18 PM
" 242	♀	<i>Miniopterus schreibersi</i>	#41 released AM 1/2 caught 8:35 PM	
" 243	♀	<i>Hipposideros catter</i>	8:08 full #14	
" 244	♂	"	" 1/2 #20	8:15
" 245	♀	"	" 1/2 #7	7:58
" 246	♂	"	" 1/2 #29	8:26
20 Mar 1973				
247	♂	<i>Hipposideros catter</i>	8:03 full ^{diag} nt = 6.93g pellets	
248	♂	<i>Miniopterus schreibersi</i>	7:40 1/2 released AM	
Chipungwe Cave, 10 mi So. Lusaka, C.P. Zambia				
23 March 1973				
79181	A 249	♀	<i>Rhinolophus simulatrix</i>	7.2g 797176
192	" 250	♂	<i>Miniopterus schreibersi</i>	all black 9.8g 797177
147	" 251	♂	"	brownish head 9.56g
" 252	♂	"	all black	9.62g 797188
" 253	♂	"	brownish head	9.04g 797183
" 254	♂	"	brownish head	9.42g 797181
" 255	♂	"	all black	9.27g 797175
" 256	♂	"	" "	9.42g 797187
" 257	♂	"	" "	9.26g 797186
" 258	♂	"	" "	9.48g
" 259	♀	<i>Miniopterus schreibersi</i>	black	9.10g 797184
" 260	♀	"	" brownish head	9.41g 797173
" 261	♀	"	" black	9.33g 797185

23 Mar 1973				
797174	A 262	♀	<i>Miniopterus schreibersi</i>	brownish head 8.69g
797178	" 263	"	black "	9.44g
797180	" 264	"	black "	8.77g
797182	" 265	"	black "	9.47g
797194	" 266	"	brown head	9.37g
797190	" 267	"	brown head	9.45g
10 mi So. 1/2 mi E Ngwerere Siding, C.P. Zambia				
26 Mar 1973				
A 268	♂	<i>Nycterus macrotis</i>	18.40g - ^{stomach} 1.77	
A 269	♀	<i>Nycterus macrotis</i>	16.80g - ^{stomach} .83	
270	♂	<i>Rhinolophus simulatrix</i>	11 9.14 - 1.25	
271	♂	"	106 8.54 - .97	
272	♂	"	142 9.44 - 1.39	
273	♂	<i>Rhinolophus blasii</i>	9.95 - .97	
274	♀	"	9.77 - .41	
275	♀	"	9.97 - .45	
276	♂	<i>Rhinolophus swinnyi</i>	7.65 - 1.24	
277	♂	"	7.38 - 1.27	
278	♂	"	7.00 - .74	
279	♂	"	6.21 - .24	
280	♂	"	7.71 - 1.34	
281	♂	<i>Nycterus woodi</i>	7.64 - .76	
282	♂	<i>Nycterus thebaica</i>	9.64 - empty	
283	♀	"	12.05 - 1.23	

(15)

LW 3

26 Mar 1973 total - standard			
A 284	♂ Nyctalus thebaica	1247g-1.39	
285	" "	11.22g-1.35	
juv. 286	♂ Hipposideros catter	10.52g-1.04	
287	♂ " "	9.95g-.97	
288	♂ " "	10.68g-1.44	
290	♀ " "	11.03g-1.72	
juv. 291	♂ " "	8.77g-1.04	
292	♂ " "	10.19g-1.37	
293	♂ " "	9.75g-.98	
294	♀ Clorotis persiculi	4.94g-.65	
295	♂ " "	4.76g-.62	
296	♂ " "	4.61g-.52	
297	♀ " "	4.22g-.45	
298	♀ " "	3.40g-.52	
299	♂ " "	4.54g *Empty	
Lloyd Hukwasa Farm, 60mi NE Lusaka, Zambia			
2 April 1973			
300	♂ "m. yeller"?	6.11g (E) 6:40 PM glands in angle of mouth white and very conspicuous underneath his throat mustache 7 feet	
NOT CAT. IN MSB	301	♀ " 6.51g 6:45 PM stomach 17g " plucks us in 300 a bone	
	302	♂ " 6.06g 6:50 PM 6.1g " (E)	
	303	♀ " 6.60g 6:55 PM " (E)	
	304	♀ lact. reduced 8:30 PM	
	305	♀ 9.5.6g 8:00 PM 12.4g m. mouth shot from refree	
	306	♂ 7:05 PM kept alive	
	307	♂ 7:40 PM	

(16)

Hal L. Black

African catalog

310-350 pellet specimens only	cont	26 March 1973	field no.
310	112		112
311			109
312		pellets	35
313			41
314			84
315			
316			
317			
318			
319			
320			
NOT	321		
CAT. IN	322		
MSB	323		
	324		
	325		
	326		
	327		
	328		
	329		
	330		
	331		
	332		
	333		
	334		

African
Catalog16B
17

African Catalog

(18)

cont

		Munali School, Lusaka, C.P. Zambia
		18 Mar. 1973
fruit bats	580 ♂	17.8g
		29 April 1973
	581 ♂	20.6g
	582 ♀	3.3g
		1 April 1973 MSB
	583 ♂	116.5g
		6 Jan 1973
NOT YET CAT MSB	584 ♀	85.2
		29 April 1973
	585 ♀	70.2
		19 Feb 1973
	586 ♂	117.5
		4 Feb 1973
	587 ♀	74.8
		24 Mar 1973
	588 ♀	77.7
		29 April 1973
	589 ♂	102.7
	590 ♀	57.8
	591 ♀	81.7
	592 ♀	77.2
	593 ♀	74.6
	594 ♀	52.2
		(over)

NOT YET
CAT
MSB

		Lloyd Hutchinson Farm, 6mi NE Lusaka, Zambia
		30 March 1973
	A-360 ♂ <i>Epomops</i>	133.6g (1:30-5:00 AM fig tree)
	361 ♀	136.6g " " fig in mouth.
	362 ♂	140.0g " " fig in mouth.
	363 ♂	140.3g " " Leaf + fig in mouth
	364 ♀	100.9g " "
	365 ♂	117.8g " stomach full of juice
	366 ♂	132.0g " stomach full of juice
	367 ♂	138.6g " fig in mouth "
	368 ♀	91.3g " stomach full "
		1 April 1973
	369 ♂ ?	135.1g, 7:30 PM fig tree

1813

NOT
CAT
MSE

Munali School, Lusaka, C.P. Zambia

1 April 1973

595 ♀	83.9
596 ♀	88.2
597 ♀	82.4

18 March 1973

598 ♂	116.8
-------	-------

African catalog

19

14 May 1973

Kivul Cave, 11050. 13 mi. E. Luangara, Siabira, Zambia

A 400 ♀	<i>Clethrionomys pectoralis</i> (10)	37g	no pellets	alcoholic
401 ♀	" "	(12)	3.6g	1 pellet
402 ♀	" "	(7)	3.7g	no pellets
403 ♂	<i>Rhinolepus blasii</i> (193)			
? 404 ♂	<i>Rhinolepus swinnyi</i> (195)	7.4g	.86g	
405 ♂	" "	(3)	5.5g	no pellets
406 ♀	" "	(6)	6.5g	" "
407 ♂	<i>Rhinolepus simulat</i> (196)	(8.4g)	1.03g	
408 ♀	" "	(14)	2 pellets	
409 ♀	" "	(20)	2 pellets	
410 ♂	" "	(7)	no pellets	
411 ♀	" "	(4)	no pellets	
412 ♂	<i>Myotis thebaica</i> (198)		no pellets	
413 ♂	" "	(16)	1 pellet	
414 ♂	" "	(205)	no pellets	1.35g
415 ♀	" "	(23)	2 pellets	
416 ♂	" "	(208)	no pellets	
417 ♀	<i>Myotis aradi</i> (218)		no pellets	1.25g
418 ♂	<i>Myotis macrost</i> (75)		pellets	
419 ♀	" "	(67)	pellets	
420 ♀	" "	(?)	no pellets	
421 ♂	<i>Hypsignathus caten</i> (?)	4.8g	no pellets	
422 ♀	" "	(13)	no pellets	
423 ♀	" "	(10)	"	
424 ♀	" "	(21)	"	
425 ♂	" "	(24)	pellets	

417 = 1.23g
 407 = 1.03g
 414 = 1.35g
 404 = .36g

African catalog

4 May 1973, cont

20

807

A-426	♂ <i>H. catter</i>	(5)	no pellets	
" 427	" "	(53)	pellets	
" 428	" "	(55)	pellets	
" 429	" "	(98)	no pellets	
430	" "	(91)	pellets	
431	" "	(68)	pellets	
432	" "	(122)	pellets	1.42g
433	" "	(98)	no pellets	1.79g
434	" "	(102)	no pellets	1.27g
435	<i>Mimopterus schreibersii</i>	(54)	pellets	1.43g
436	" "	(57)	"	
437	" "	(47)	"	
438	" "	(64)	"	
439	" "	(65)	"	
440	<i>Clorotis percivali</i>	(38)	pellets	
441	" "	(45)	"	
442	" "	(46)	"	
443	" "	(66)	"	
444	" "	(100)	no pellets	.59g
445	" "	(112)	"	0.54g
446	" "	(91)	"	.45g
447	<i>Rhinolophus swinnyi</i>	(87)		0.83g
448	" "	(101)		0.89g
449	<i>Rhinolophus simuloder</i>	(96)	no pellets	1.49g
450	" "	(93)?	pellets	1.15g
451	" "	(144)	no pellets	1.13g
451B	" "	(97)?	"	1.15g

4 May 73

21

cont

452	<i>Nyctotis fhebala</i>	(58)		
453	<i>Hipposideros catter</i>	(44)	bat	
454	" "	(50)	"	
455	" "	(29)	no bat	
456	" "	(30)	"	
457	" "	(39)	"	
458	" "	(26)	"	
459	" "	(42)	"	
460	" "	(36)	bat	
461	" "	(48)	"	
462	" "	(37)	"	
463	" "	(34)	"	
464	" "	(33)	no bat	
465	<i>Clorotis percivali</i>	(51)		
466	" "	(38)		
467	" "	(31)		
468	" "	(35)		
469	" "	(43)		
470	" "	(51)		
471	" "	(51)		
472	" "	(60)		
473	" "	(95)		
474	♂ <i>Rhinolophus swinnyi</i>	89		
475	♂ " "	100		
476	<i>Mimopterus schreibersii</i>	(49)		
477	" "	(27)		

16 April 1973

catch. no. 242 NT ♂ 1.26g
246 NT 1.39g

sent to J. Whitaker

21A

22

Virel Cave, 8 June 1973 ^{20 June 1973} _(not collected)				
A 501	♂	<i>Chrys. pascuoli</i>	(10)	3.4
" 502	♀	" "	(8)	3.7
" 503	♀	" "	(9)	3.4
" 504	♂	" "	(53)	3.9 - .53
" 505	♂	" "	37	3.76 no unknown
" 506	♂	<i>Nictus thobaca</i>	(17)	9.2
" 507	♂	<i>Enalopis swinnyi</i>	(24)	6.8 - .61
" 508	♂	" "	(47)	7.1 - 1.2
" 509	♂	" "	(107)	7.0 - 1.0
* " 510	♂	<i>Chinolephus blasi</i>	^{Hemimale?} 11.2	- .50 note "fat bodies"
" 511	♂	" simulator	(14)	8.8g (E)
" 512	♂	" "	(4)	7.0g (E)
" 513	"	" "	(2)	6.7g (E)
" 514	♂	<i>Miniopterus schreibers</i>	(16)	8.4 (E)
" 515	♀	" "	(54)	9.8 (E)
" 516		<i>Hypsignathus catter</i>	4	8.4 (E)
" 517	"	" "	37	11.1 - 1.89
" 518	"	" "	27	9.8 - 1.39
" 519	"	" "	33	10.6 - 1.50
" 520	"	" "	25	11.2 - 1.40
" 521	"	" "	26	8.8 - 7.9 g/g
522		Nishijima	49.8g -	Lind Hattlerosa Farm 13 June 1973 200m by 1m 6:30 PM

Kivul Farm, 8 June 1973

523	<i>Nycterus macrotr</i>	82	pellets only
524	<i>Nycterus thebaica</i>	143	9.7g (E)
525	"	156	11.5g - 1.22
526	"	160	11.6g - 1.1
527	"	163	10.6g - .84
528	"	155	11.6g - .88
very fat 529	<i>Rhinolophus blasii</i>	132	10.8g - .99
530	" <i>swirnyi</i>	140	9.8 1.30
531	" <i>simulatus</i>	136	9.4 - 1.23
532	<i>Clascotis pericali</i>	131	4.6 - .79
533	"	159	4.3 - .63
534	<i>Nycterus thebaica</i>	137	12.3g - 1.78 ✓

16 April 1973

535	<i>Nycterus thebaica</i>	242	1.26g ✓
536	"	246	1.39g ✓
537			
538			
539			
540			

unrecorded

Kivul Cave,

7 July 1973

538	<i>Rhinolophus swirnyi</i>	163	6.8 - .65
539	" <i>simulatus</i>	148	8.0 - .91
540	"	96	7.8 - 1.40
541	"	153	8.8 - .85
542	"	129	8.9 - 1.65 100% m. the
543	"	93	9.9 - 1.52
544	"	119	8.5 - .70 100% m. the
545	"	119	8.1 - .67 100% m. the
546	"	145	7.9 - 1.05 65% m. the
547	" <i>blasii</i>	137	9.9 - .89
548	"	107	10.0 - .75
549	<i>Nycterus thebaica</i>	156	12.1 - 2.07 ✓
550	"	142	11.1 - 1.75 ✓
551	"	137	10.8 - 1.34 ✓
552	<i>Clascotis pericali</i>	42	3.4 - (E)
553	"	75	3.9 (E)
554	"	?	4.8 - .27
555	<i>M. persicus</i>	43	9.6 - .54
556	<i>H. persicus</i>	24	8.8
557	"	23	8.6 - .74 ✓
558	"	26	9.6 - .73 ✓
559	"	27	7.7
560			
561			

Nuit Caps 7 July 1973 cont

-560	♂	<i>Hippocampus catter</i>	35	9.3	- .80	
-561	♂	" "	37	9.2	- .95	
-562	♂	" "	33	10.5	- 1.53	
-563	♂	" "	30	9.3	- 1.58	95% molting
-564	♀	" "	36	10.3	- 1.34	
-565	♂	" "	34	9.9	- 1.02	
-566	♀	" "	38	8.2	-	
-567	♀	" "	44	9.5	- 1.26	
-568	♂	" "	25	10.8	- 1.40	100% molting
-569	♀	" "	39	9.5	- .80	
570	♀	<i>Rhinophagus simulata</i>	40	8.3	- 1.20	
571	♀	" "	32	8.2	- .74	
572	♂	" "	45	9.7	- 1.70	
573	♀	" "	58	8.0	-	
574	♀	" "	54	7.0	-	
575	♀	" "	40	7.4	-	
576	♂	" "	6	7.3	-	
577	♀	<i>Nycterus thobaca</i>	(22)	11.3	-	
578	♀	<i>Chrotis parvuli</i>	64	4.0	- .38	
579	♀	" "	83	4.7	- .53	
580						

for 580 etc,
see p. 17

date?

2 Aug 73

total - stomach contents

600	♀	<i>Hippocampus catter</i>	(20)	9.4	-	1.5	7.6	
601	♂	" "	(48)	10.0	-	1.4	8.6	
602	♂	" "	(16)	9.6	-	1.6	8.0	
603	♂	" "	(19)	8.7	-	1.3	7.4	
check on this 604	♂	" "	(14)	9.3	-	1.2	8.1	
605	♀	<i>Nycterus thobaca</i>	(99)	12.7	-	1.5	11.2	
606	♀	" "	(92)	12.3	-	1.3	11.0	
X 607	♂	" "	(34)	12.6	-	2.1	10.5	
608	♀	<i>Nycterus woodi</i>	(98)	8.3	-	1.3	7.0	
609	♂	<i>Miniopterus schreibersii</i>	(19)	10.0	-	.7	9.3	
610	♂	<i>Rhinophagus simulata</i>	(35)	5.0	-	1.4	6.6	
611	♀	" <i>swainsoni</i>	(26)	7.6	-	1.4	6.2	
612	♀	<i>Chrotis parvuli</i>	(53)	4.4	-			
613	♀	" "	(54)	4.7	-	.7	4.0	

20 Aug 73

614	♀	<i>H. catter</i>	10.79	(9)	-			
615	♀	" "	9.9	(14)	-			

30 Aug 73

616	♀	<i>R. simulata</i>	(14)	7.3	empty			
617	♂	<i>R. swainsoni</i>	(21)	F 7.8	- 1.7 = 6.1			
618	♂	<i>H. catter</i>	(2)	F 9.9	- 1.0 = 8.9			
619	♂	" "	(25)	F 11.0	- 1.9 = 9.3			
X 620	♂	" "	(15)	F 9.2	- 1.0 = 8.2			
621	♂	" "	(27)	F 10.6	- 1.6 = 9.0			

Kriel Cave, 6 mi NE Lusaka, Zambia
10 Sept. 1973

stomach

SM-PAN	630	♀ <i>H. coffee</i> ^{PO} full	11.2 - 1.4 = 9.8
	631	♀ <i>H. coffee</i> ^{PO} (12)	10.3 - 1.3 = 9.0
	632	♂ <i>H. coffee</i> (1478)	9.2 - 1.2 = 8.0
NOT CAT MSB	634	dist. 50.1 - 4.3 = 45.8g	

6 Sept. 73

NOT CAT
MSB 622 ind short 715 ^{white-filid} 5.0g plus 22g of stomach contents

20 Sept 73

stomach

pp B	623	♀ <i>H. coffee</i> (14)	11.9 - 2.2 =
pp B	624	♀ " " (78)	11.5 - 1.0 - 10.5
B	625	♂ " " (8)	8.4 - 1.1 = 7.3
B	626	♂ " " (14)	11.2 - 1.9 = 9.3
B	627	♂ <i>Myiobus helian</i> (66)	11.7 - 1.7 = 10
pp B	628	♀ " " (18)	16.6 - 2.5 =
pp B	629	♀ <i>Rhinolepis samuelis</i> (22)	11.5 - 1.9 =
pp B	630	♀ <i>Rhinolepis swinnyi</i> (39)	8.5 - 1.0 = 7.5
ms stomach	631	♀ <i>Cheelis periculi</i> (13)	3.6 - 2.2 not PG
ms pharynx	632	♀ <i>Cheelis periculi</i> (21)	5.3 - .80

Kabulanga Dam, Lusaka City, C.P. Zambia
10/3/73

640 ♂ 122g Jan Tucker

0 Oning Hall, GRZ Nest House Samfya, Bungebula, Zambia

6/11/72

641 ♂ Toderia 6 Frank

Lochinvar Natl Park, Monze, Zambia

17 May 1973

642 ♀ *Glaucocerytes* Fiedler

643

Kriel Cave, 6 mi NE Lusaka, Zambia

644

Norman

Lusaka, Zambia

May-June? 1973

645 ♂

Kriel Cave, 6 mi NE Lusaka, C.P. Zambia

12 Oct 73

PG 646 ♀ *Cheelis periculi* PG (60) 5.3 - .50

647 ♂ " " (33) 4.3 - .48

PG 648 ♀ " " (88) 4.7 - .13

649 ♂ " " (70) 4.3 - .61

650 ♀ " " (62) 5.1 - .44

651 ♀ *Rhinolepis swinnyi* 9.5 - 1.1

PS or PSW 652 ♂ *Rhinolepis* ? 7.4 - .7

653

Catalog

cont 19 Oct 73 Kriel Cave

653	♂	<i>Rhinolephus simulatus</i> (H)	9.00 - 1.2
654	♀	<i>Hippodamia catter</i> (63)	13.1 - 1.6
655	♂	" "	(50) 9.8 - 1.3
656	♀	" "	(27) 12.2 - 1.6
657	♂	" "	(26) 9.2 - 1.3

20 Oct 73 Kriel Cave

658	N. thebaica (52)	body full from 9.00 to 10.00	3.2g
659	♀	<i>C. percivali</i> (50)	5.8 - .50 - 1.0
660	♀	" (51)	5.8 - .50 - 1.1
661	♀	<i>R. simulatus</i> (53)	11.3 - .6 =
662	♀	<i>C. percivali</i> (64)	5.6 - .2 - 1.1
663	♀	<i>H. catter</i> (47)	14.4 - 1.6 - 2.9
664	♀	" (73)	13.5 - 1.7 - 2.6

Zmi S. Lloyd Hutchinson Farm

8 Nov 1973

14.4	4.5	9.9	665	night	8.35 - 5.18	stomach full moon 8.15 PM
			666	night		

Zmi S. Lloyd Hutchinson Farm

7 Nov. 1973

100T	CAT	MSB	666	night	662 - 2.9	stomach 1000pm
------	-----	-----	-----	-------	-----------	----------------

Kriel Cave 12 Nov 1973

100T CAT MSB	667	black-billed Kestrel	10.2g	730 AM from night
	668	♂ <i>H. catter</i> (petits only) (14)		
	669	♂ " "	(27) 11.2 - 1.3 = 10.9	
not fly, not land	670	♀ " "	(24) 10.1 - 1.4 = 8.7	
	671	♂ <i>R. simulatus</i>	(45) 9.7 - 1.5 = 8.2	
	672	♀ <i>M. schreibersii</i>	(42) 12.9 - 1.8 = 11.1	
	673	Swallow	11.6g	

Zmi Nochebston, C. D. Zambie

24 Nov 1973

674	♂	<i>Taphozous</i>	26.5g	11.15
675	♀	" "	22.1g	11.15

22 Nov 1973

676	♂	<i>Taphozous</i>	26.1g	
677	♀	" "	17.2g	immature

Kriel Cave

24 Nov 73

678	♀	<i>N. thebaica</i>	16.0g	"
679	♀	" "	8.5g	body full from 6.15
680	♀	<i>C. percivali</i>	1.2	"
681	♀	" "	2.6	full from 6.15

14 Nov 1973 Kriel Cave

682	♂	<i>R. blusii</i>	11.2g (43)	11.2g - 1.2 - 10.0
683	♂	<i>N. macrotis</i>	13.1 - 0.0 (41)	
684	♀	<i>N. thebaica</i>	(20) 13.6 - 1.6	much full from 11.15
685	♀	<i>H. catter</i>	(17) 11.1 - 1.5	
686	♂	<i>H. catter</i>		night and 1st 9.05

30 B

12 Nov 1973 Reef Cave, cont
minidome labia from cave (30-40mm)

687	C. p	1.7g
688	"	1.8g
689	"	1.3g
690	"	1.9g
691	"	1.3g
692	R. simulatrix	5.7g
693	"	3.2g
694	H. cotton	5.6
695	"	5.5
696	"	4.4
697	"	3.9

HALL Black

catalog

31

✓ next to John

	11 Dec 1973 Reef Cave		
700	♂ H. cotton (118)	11.3-7.0 =	
sub-A 701	♂ " " (110)	7.4-6.1 = 7.4	
sub-H 702	♂ " " (109)	8.1-0 = 8.1	
703	♀ R. simulatrix (142)	11.4-1.2 = 10.2	
last 704	♀ R. simulatrix (124)	10.2-7.3 =	37 33
705	♀ R. simulatrix (103)	10.5-1.2 =	
sub-A 706	♀ N. thebaica (114)	10.4-0.61 =	
sub-A 707	♀ " " (121)	9.4-1.56 =	
last 708	♀ " " (141)	15.8-2.4 =	46 46
sub-A 709	♀ " " (105)	9.3-0 = 9.3	some with?
sub 710	♂ " " (54)	9.5-.4 =	
last 711	♀ " " (26)	13.7-2.1	
sub 712	♀ " " (104)	9.8-.8 = 9.0	
sub 713	♂ H. cotton (55)	8.3-.3 = 8.0	
A 714	♂ " " (52)	10.2-1.3 =	
A 715	♂ " " (96)	10.9-1.6 =	
A 716	♀ " " (24)	11.8-2.1 = 9.7	
A 717	♀ Rhinodactylus swinhonis (41)	8.0-1.1 =	
A 718	♀ Crotaphytus (51)	5.4-.9 = 4.5	
A 719	♂ " " (101)	4.6-.6 = 4.0	
A 720	♂ " " (42)	4.8-.5 = 4.3	
last 721	♀ N. thebaica (75)	12.9-1.5 = 11.4	with (R) 30
*** sub 722	" " (103)	9.9-1.0 = 8.9	
A 723	Phrynosoma macleayi (100)	12.6-1.1 = 11.5	(over)

31
32
724 ♂ *Rhinolophus swinnyi* (145) 8.9 - .9 = 8.0
725 ♂ *H. collar* (152) 11.4 - 1.4 =
726 ♂ " " (16) 11.3 - 1.4 =
727 ♂ " " (94) 10.9 - 1.5 =
last 728 ♀ " " (73) 10.9 - 1.1 =
last 729 ♀ " " (134) 10.8 - .7 = 10.1

⑩ ⑪
122 128

730 ♂ *R. simulatus* (133) 9.7 - 1.0 = 8.7
731 ♂ *N. hubei* (139) 9.4 - .7 = 8.7

African Catalog

39

Nov. to Jan

✓ 14 Dec 1973 - Kriel Cave

sub	740	♂	<i>Rhinolophus simulatus</i>	(63)	7.6 - .3	7.6
Adult	741	♂	"	(99)	7.2 - .9	8.3
sub	742	♂	"	(33)	7.5 - .00	7.5
sub	743	♀	"	(7)	7.6 - .0	7.6
sub	744	♂	<i>H. collar</i>	(40)	7.7 - .2	7.5
pellets	A 745	♂	"	(60)	11.1 - 1.1	10.0
sub	746	♀	"	(85)	8.3 - .5	7.8
sub	747	♂	"	(35)	7.7 - .2	7.5
A	748	♀	"	(23)	12.3 - 2.3	10.0
sub	749	♀	"	(8)	7.9 - .0	7.9
✖	A 750	♂	<i>Nyctalus urai</i>	(9)	7.4 - .5	6.9
sub	751	♀	<i>Nyctalus hubei</i>	(38)	10.3 - .6	9.7
sub	752	♂	"	(69)	10.1 - .4	9.7
sub	753	♂	"	(141)	9.7 - .8	8.9
last	A 754	♀	"	(25)	13.1 - 1.7	11.4
A	755	♂	<i>Clascotis porcinali</i>	(129)	5.1 - .8	4.3
	756	♀	<i>M. schreibersi</i>	(116)	11.1 - .5	10.6
	757	♀	"	(84)	11.3 - .4	10.9
	758	♀	"	(141)	11.2 -	
	759	♂	"	(?)	12.2 -	
SA	760	♂	<i>R. swinnyi</i>	(3)	5.9 - 0	empty
SA	761	♀	<i>H. collar</i>	(13)	7.7 - 0	empty
A	762	♂	<i>R. swinnyi</i>	(176)	7.7 - .2	3.5
	763	♂	<i>N. hubei</i>	(149)	13.1 - 1.7	11.4

764 ♀ *H. coffee* (lact.) (179) 10.8-1.5 = tract full .36
 SA 765 ♀ *N. thebaica* (192) 10.1-.8 = tract full .56
 SA 766 ♂ *R. simulater* (186) 7.7-.34 = tract full .34
 SA 767 ♀ *N. thebaica* (219) 11.6-1.1 = 166 pellets
 768 ♀ " " (238) 13.5-1.5 = 44 pellets
 769 ♂ *H. coffee* (238) 11.1-1.0 = 30 pellets
 770 ♂ *C. parvulus* (204) 4.7-.6 = 16 pellets
 771 ♂ *R. simulater* (205) 9.3-.8 = 44 pellets
 772 ♀ " " (206) 10.4-.8 = 40 pellets
 773 ♀ " " (209) 11.7-1.3 = (.5 tract pellets) @ breast .50
 774 ♀ " " (213) 11.1-1.2 @ breast .56 tract pellets .45

775
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22/137

2
1.5

Hall Black

Mos. John

Note: 22 Dec 73 some specimens
 (740-784) were given
 red. that were used
 14 Dec 73

African Catalog

33

732-775 sent 23 Dec 1973 to John

1st caught	Kriel (all) 20 Dec 1973		
SA 732	♀ <i>C. parvulus</i>	(133)	4.2-0
733	♂ " "	(78)	4.2-.3 = 3.9
734	♂ <i>H. coffee</i>	(325)	10.8-1.5 =
SA 735	♂ " "	(66)	8.8-.3 =
736	♂ " "	(52)	11.1-1.1 =
737	♂ <i>M. schreibersi</i>	(32)	11.0-.7 =
738	♂ " "	(84)	9.5-.3 =
739	♀ " "	(83)	9.3-.4 = Band Band
642-75702 940	♂ " "	(42)	9.6-.4 =
642-75703 941	♂ " "	(140)	10.3-.4 =
704 942	♀ " "	(139)	9.8-1.3 =
SA 943	♂ <i>R. simulater</i>	(20)	8.0-.4 =
SA 944	♂ " "	(289)	8.3-.6 =
707 945	♀ " "	(339)	10.7-1.3 =
709 946	♂ " "	(338)	10.5-1.0 =
SA 947	♂ " "	(106)	8.7-.6 =
710 948	♂ " "	(20)	8.5-0 = 6.5
712 949	♂ <i>K. blasi</i>	(203)	7.1-0 = 7.1
712 950	♂ <i>K. blasi</i>	(290)	11.9-1.6 =
712 951	♂ <i>H. samoy</i>	(298)	8.7-1.1 =
SA 952	♀ <i>N. thebaica</i>	(2)	10.6
715 953	♂ <i>M. schreibersi</i>	(1)	8.9
716 954	♂ <i>R. blasi</i>	(14)	10.0
717 955	♂ " "	(15)	9.5

Note: Starting with 740 (940) through 784 of the
 next page - numbers changed - but band
 nos. 642-75702 → 642-75704

33

SA 956 ♂ <i>H. caffer</i> (5) 8.0g	18
957 ♂ <i>R. swinnyi</i> (13) 6.4g	19
SA 958 ♀ <i>R. simulata</i> (6) 6.2	20
SA 959 ♂ <i>N. thebaica</i> (365) 9.7-.4=21	
960 ♀ " " (364) 15.5-.22=22	
961 ♂ " " (371) 13.2-1.7=23	
SA 962 ♂ <i>R. simulata</i> (103) 7.1-.5=24	
963 ♀ " " (93) 8.1-.5=25	
964 ♀ <i>R. swinnyi</i> (354) 8.9-.9=26	
965 ♂ " " (193) 7.4-.8=27	
966 ♂ " " (383) 8.3-.8=28	
SA 967 ♂ <i>H. caffer</i> (61) 8.7-.3=29	
968 ♀ " " (52) 10.5-1.3=30	
SA 969 ♂ " " (246) 8.5-.5=31	
970 ♂ " " (384) 11.7-1.2=32	
971 ♀ <i>R. blasii</i> (171) 10.8-.2=33	
972 ♂ <i>C. poecilonotus</i> (247) 4.8-.5=34	
973 ♀ " " (107) 4.5-.4=35	
974 ♀ " " (210) 4.6-.5=36	
975 ♀ <i>R. simulata</i> 225 10.2-1.0=37	
976 ♂ <i>M. schreibersi</i> (154) 11.0-1.0=38	
977 ♂ " " (153) 10.6-1.5=39	
978 ♂ " " (151) 11.8-1.4=40	
979 ♀ " " (150) 10.1-1.5=41	
980 ♂ " " (149) 10.8-1.6=42	
981 ♀ " " (89) 9.7-.6=43	
982 ♀ " " (58) 9.9-.3=44	
983 ♀ " " (352) 11.3-1.2=45	
984 ♂ " " (163) 11.2-1.7=46	

642-75746

Kiel Case 24 Jan 1974 4444 - stomach - intestine

800 ♀ <i>Rhinolophus blasii</i> (349) 9.8-150	44 pellets	39
801 ♂ " " (322) 10.3-.60	42 pellets	
802 ♀ " " (323) 10.4-.60	43 pellets	
803 ♀ " " (327) 10.5-.63	49 pellets	
804 ♀ " " (372) 11.1-1.2	61 pellets	
805 ♀ " " (283) 10.5-1.1=	62 pellets	
806 ♂ " " (285) 10.4-1.1=	45 pellets	
807 ♀ " " (297) 11.5-.7 tract	46 pellets	
808 ♂ " " (206) 10.9-1.1 tract	42 pellets	
809 ♀ " " (172) 11.6-.18	51 pellets	
810 ♂ " " (200) 10.4-1.0	50 pellets	
811 ♂ " " (303) 10.5-1.2	57 pellets	
812 ♀ " " (251) 9.3-.47	46 pellets	
813 ♀ " " (62) 10.4-.07	39 pellets	
814 ♂ " " (81) 9.7-.05 empty	31 pellets	
815 ♂ " " (35) 8.6-.07 stomach empty	41 tract no pellets	
816 ♂ " " (15) 9.6-.06 stomach empty	42 no pellets	
817 ♀ " " (128) 10.1-.12	56 pellets	
818 ♀ " " (145) 11.6-.09 empty	50 pellets	
819 ♀ " " (146) 9.8-.30	50 pellets	
820 ♀ " " (73) 10.7-.1 empty	38 low pellets	
821 ♂ " " (37) 10.1-.05 empty	27 no	
822 ♂ " " (40) 9.5-.07 empty	50 no pellets	
823 ♀ " " (141) 10.4-.09 empty	40 low	
824 ♀ " " (48) 10.6-.7	61 pellets	
825 ♀ " " (356) 10.1-.18	48 pellets	
826 ♀ " " (366) 10.8-1.2	47 pellets	
827 ♀ " " 3.61-10.0	47 pellets	
828 ♀ " " 3.61-10.0	47 pellets	
"Big R" 829 ♂ <i>Rhinolophus blasii</i> (25) 32.1-1.3	1.6 low	
"Big Hippo" 830 ♀ <i>Hippodamia communis</i> 64.8-.17	head 1 pellet	
831 ♀ <i>Myotis myotis</i> (91) 18.4-.17 empty	head .86 no pellets	
? 832 ♂ " <i>thebaica</i> (27) 16.8-1.6	low 10 pellets	
833 ♀ <i>R. swinnyi</i> (122) 7.0-.06 empty	823 ♀ (47) 10.5-.07	
834 ♀ <i>R. swinnyi</i> (24) 6.6-.03 empty	410? 10.5-.07	
835 ♀ <i>N. thebaica</i> (29) 10.2-.0	42 " "	
836 ♀ <i>R. simulata</i> (?) 8.9-	42 " "	
837 ♀ <i>C. poecilonotus</i> (115) 3.7-.08	tract 14 milk in stomach + pellets?	
838 ♀ " " (221) 4.0-.3	tract .24	
839 ♀ " " (54) 3.7-.08 milk in stomach	.14 milk in	
840 ♂ " " (39) 4.0-.04 empty	head .16	
841 ♂ <i>Hippodamia communis</i> (X) 6.8-.04 empty	7.16	

(200)

Kiel Cove 28 Dec. 1973 - Maj L. Black

1020 ♂	<i>Chalcis pericalis</i>	(251)	11.8-15-
1021 ♂	<i>L. confinis</i>	(237)	29.8 ^{trout full}
1022 ♂	<i>Myelobus maculatus</i>	(238)	18.2-7 ^{trout full}
1023 ♂	<i>R. simulator</i>	(239)	9.3-1.1 ^{trout full}
1024 ♂	"	(240)	9.1-.9 ^{trout full}
1025 ♂	<i>R. sumptuosus</i>	(234)	7.5-.6 ^{trout full}
1026 ♀	"	(240)	8.2-.3 ^{trout full}
1027 ♀	<i>M. schreibersi</i>	(251)	10.6-
1028 ♂	"	(230)	10.0-
1029 ♀	"	(235)	9.4-
1030 ♀	"	(231)	10.8-
1031 ♀	"	(?)	—
1032 ♀	"	(248)	10.5-
1033 ♂	"	(249)	10.4-
1034 ♀	"	(40)	9.7-
1035 ♂	"	(156)	10.4-
1036 ♀	"	(118)	10.5-
1037 ♀	<i>R. sumptuosus</i>	(241)	10.0-1.5 ^{trout full}
1038 ♂	<i>C. pericalis</i>	(289)	5.4-.7 ^{trout full}
1039 ♂	<i>C. pericalis</i>	(289)	5.3-.6 ^{trout full}
1040 ♀	"	(19)	4.3-0 ^{trout full}
1041 ♂	"	(87)	3.8-.2 ^{trout full}
1042 ♂	" ^{coming into}	(307)	5.6-.7 ^{trout full}
1043 ♂	" ^{coming into}	(306)	5.5-.8 ^{trout full}
1044 ♀	<i>M. schreibersi</i>	(183)	12.4 +
1045 ♀	"	(235)	10.8 +
1046 ♀	"	(223)	10.5 +
1047 ♂	"	(204)	10.8 +
1048 ♂	"	(206)	11.9 +
1049 ♂	<i>R. simulator</i>	(294)	9.9-1.4 = trout full
1050 ♀	"	(300)	9.5 1.1 trout full
1051 ♀	"	(188)	10.7-1.5 trout full

Karel Carr 28 Dec. 1973 cont

15 med?

7-19106	*	1052 ♂	Techni-mat	simulator	(170)	9.4-.8	hand put
" -107		1053 ♀	"	"	(283)	8.5-.6	hand put
" -108		1054 ♂	"	"	(270)	9.8-1.1	hand put

Kriel Cave 3 Jan 1974 Hal L. Black

Bat bands

779109 ♂	<i>Nyctalus urodi</i> (1)	7.1-
jwv -110 ♂	<i>Rhinolophus blasii</i> (3)	8.8-
" -111 ♂	<i>Chiropter. parvulus</i> (297)	4.4-
jwv -112 ♂	" "	(59) 3.8-
" -113 ♂	" "	(246) 4.7-
jwv -114 ♀	" "	(96) 3.7-
jwv -115 ♀	" "	(101) 4.0-
-116 ♂	" "	(204) 3.9-
-117 ♂	" "	(272) 4.7-7
-118 ♀	<i>Rhinolophus simulat.</i> (208)	11.0-
jwv -119 ♀	" "	(52) 7.1-
-120 ♂	" "	(923) 8.9-
-121 ♀	" "	(274) 8.6-
-122 ♀	<i>Hypsignathus aff.</i> (296)	11.2-
jwv -123 ♂	" "	(51) 8.1-
jwv -124 ♂	" "	(209) 9.4-
jwv -125 ♀	" "	(49) 8.4-
ad. det -126 ♀	" "	(46) 10.2-
jwv -127 ♀	" "	(44) 8.5-
jwv -128 ♂	" "	(98) 9.4-
-129 ♀	" "	(56) 8.3-
-130 ♂	" "	(39) 9.0-
-131 ♂	" "	(98) 9.0
ad. det -132 ♀	" "	(276) 11.9
jwv -133 ♀	<i>Nyctalus thebaica</i> (192)	11.7-
jwv -134 ♂	" "	(25) 10.2-
-135 ♂	<i>M. schreibersii</i> (104)	10.5-
-136 ♂	" "	(42) 10.5-
jwv -137 ♂	<i>H. caffer</i> (262)	9.1
" -138 ♀	" "	(137) 8.2
" -139 ♂	" "	(157) 9.5
" -140 ♂	" "	(55) 8.1

Bar full = .015 gram - 5 in one
 .05 grams

38

7-79- 3 Jan. 1974, cont. One Case Hal L. B. back

A? - 141 ♂ H. caffer (93) 9.0-

juv - 142 ♀ " " (227) 9.8-

" - 143 ♂ " " (97) 9.2-

" - 144 ♂ " " (29) 9.2-

" - 145 ♀ " " (92) 9.3-

" - 146 ♂ " " (80) 7.8-

" - 147 ♀ " " (73) 7.6-

" - 148 ♀ " " (72) 8.2-

" - 149 ♀ " " (60) 8.9-

" - 150 ♀ " " (50) 7.5-

" - 151 ♂ " " (61) 8.9-

A - 152 ♂ " " (314) 11.2-

- 153 ♂ M. schreibersi (50) 10.0-.9= tract full

- 154 ♂ " " (133) 12.6-1.3 = 11.3 tract full

- 155 ♂ " " (35) 9.9-^{empty} tract full

156 ♀ " " (76) 10.4-^{empty} tract full

Ad. - 157 ♀ Nycherus nectaris (94) 21.1-^{empty} = tract full - January 1974

plut - 158 ♀ R. swinnyi (64) 7.5-.07 = stern. tract empty

juv - 159 ♀ R. blasii (264) 9.5-.3 = 9.2 tract full

plut - 160 ♀ " " (91) 10.9-.1 = 10.8 ^{stern. & tract} ^{empty}

- 161 ♀ R. similator (253) 10.9-1.1 = 9.8 tract full

- 162 ♂ " " (256) 9.0-.8 = tract full

- 163 ♂ " " (255) 10.4-1.4 = 9.0 tract full

- 164 ♀ " " (173) 10.6-.9 = tract full

juv - 165 ♂ Chalcis pericali (228) 3.9-^{empty} tract full

juv - 166 ♂ " " (131) 4.7-.4 = 4.3 tract full

juv - 167 ♀ " " (106) 5.2-.6 = tract full

juv - 168 ♀ " " (244) 5.0-.8 = tract full

juv - 169 ♀ " " (78) 3.7-0 = 3.7

juv - 170 ♂ " " (93) 3.6-.06 = ^{empty} tract full

juv - 171 ♂ " " (67) 4.4-.4 = 4.0 tract full

juv - 172 ♀ " " (75) 4.1-.1 = 4.0 tract full

end

Kiel Cove, 11 Jan 1974 - 11/11/13/14

led	1000	♀	<i>Hippodamia collaris</i>	(20)	10.1-2.8=	[head full]
juv	1001	♂	"	(31)	8.1-5.5	head full
	1002	♀	<i>Rhinoleptus swainsoni</i>	(235)	8.5-1.5	head full
pld	1003	♀	"	(193)	7.6-.3	[head full]
	1004	♀	"	(205)	7.8-.5	head full
	1005	♀	"	(155)	7.4-.5	head full
pld	1006	♀	"	(18)	7.0-0	head full
juv	1007	♂	<i>Chelis peruviana</i>	(40)	4.0-0	[head full]
juv	1008	♀	"	(52)	3.9-.4	head full
juv	1009	♀	"	(78)	3.9-.1	head full
juv	1010	♂	"	(26)	3.7-	head full
juv	1011	♂	"	(27)	3.6-0	head full
juv	1012	♀	"	(28)	3.9-.1	head full
pld	1013	♀	<i>Rhinoleptus basii</i>	(930)	13.0-1.8=	head full
	1014	♂	"	(263)	9.2-.1	head full
	1015	♂	"	(103)	9.5-0	head full
juv	1016	♂	<i>Nyctalis woodi</i>	(94)	6.8-0	head full
juv	1017	♀	"	(139)	6.7-.5	head full
	1018	♂	<i>Rhinoleptus woodi</i>	231	9.6-1.3	head full
	1019	♀	"	(233)	11.0-2.1=	head full