

COLONEL

1977

7530-00-222-3521

FEDERAL SUPPLY SERVICE

(GPO)

Daily activities DGK

San Diego 1.0

LP 3.1
1.1

LA 1.1

NZP 1.5

2oz water

1 tbs SMA (yellow)

1 tsp Sustagen (white)

1.0
1.1
1.1
1.5
2.7

Sully furred at birth
but sparse fur on
~~the~~ venter with
belly naked.

Tail sparsely furred -
no distinguishing
characters.

Colonel Ezekiel

Atlas Drummond

Leontogathrus rosalia

10 July 77 - ♂ 102061

born to 67-H x 67-M

Found on floor of cage @ 0730.

Attempts to return him to
to parents did not succeed.

Could not cling. Attempted
retrievals by both parents.

wght ~ 49.5 g

10 AM Fed ~ 10 drops 10%

dextrose. Regurgitated
some during feeding.

Stimulated to urinate + def.

w/ moist cotton.

During feeding exhibited

gape response several times.

Vocalized when put down.

Used Deinhardt nipple

In Incubator 86°F

12:15 PM Fed @ 0.4 cc

1/2 ~~simlac~~ ^{simlac} + 1/2 10% dextrose

lapped well - little

vocalizing, urinated +

defecated.

Using Deinhardt Nipple

~ 1400 Showed several minutes of
hiccups.

fed
@
4cc
total

1430 Took @ .45 cc
SIMILAC ~~SMIA~~ in hypodermic
syringe + Preemie feeding
tube - Fed drop by drop
as usual.
Few vocalizations.
Taken home -

17: Took .70 cc
checked on during
- feces black
2:15
3:15
4:15

14: ...
16 cc SIMILAC

2200 1.0 cc Similac with Preemie
tube: unwatered SCMS
stronger
In aquarium with water heating

pad. Temp ~90°F. Humid.
Head shake.

2030 0.8 cc Similac
urinated + defecated
profusely
still clinging
inappropriately -
can hold head up -
no vocalizations

11 July 77 Day 2

2630 1.0 cc Similac
did not try to induce urination

Σ = 6.4 cc } 0845 0.8 cc Similac
had defecated on fur piece
independently. Feces
yellowish but still firm.

10:30 A few short chirps.

11 AM WEIGHT 48.1g

11:00 0.7cc Similac
clinging response still
poor.
loud chirp when finished
& did not want further
food. used Dunhardt
nipple

13:05 Begins chirping softly.

13:10 Fed 1.0 cc Similac
single loud chirp when
it was full. Used Dunhardt

16:00 1.1 cc Similac
stim. to wren + def.
used Dunhardt

19:00 - .9 cc Similac w/ Dunhardt
nipple

22:45 - 1.4 cc Similac. Dunhardt
nipple. Very eager to
eat. No vocalizations.

Still not clinging
properly.

12 July 77 Day 3

0800 1.0 cc Similac.

0745 1.1 cc Similac
Took milk well -
Had defecated + had
some feces stuck to
body. Looks OK.

Σ =
9.65
cc

0940

.65 cc SMA +
Sustagen form

Formula 1 Tbls. SMA dry
1 tsp Sustagen 2oz H₂O

12:30 Umbilicus has fallen off.

Fed 1.1 cc SMA + Sustagen formula
defecated at stimulation
provided with golden mother
surrogate,

Weight after feeding 48.8g.

14:30 1.0 cc SMA + Sust.
defecated w/ stimulation

Feeding eagerly in
2-3 bursts w/ intervals
in between.

Q-tips end used for
clinging to prevent
injury to palm of hand.

Is able to left head
but cannot easily right
itself because of
clenched fists.

17:05 - defecated w/ stimulation
1.2 of SMA + Sustiger
urinated upon stimulation
is now holding cotton
swabs in hands.

1900 - much more alert!
lifts head well... eyes
open. uses tail for balance
when stroked on head & back
will lift head & arch neck.

took 1.4 cc SMA + Sust.
urinate - defecate w/ stimulation

fists are loosening...
curls tail when balancing
or resting.

clinging better to
orange shag.

2130 Ate 1.2 cc SMA + Sustagen
using Deenhardt nipple

clinging abilities further
improved!

23:45 ~ 1.0 cc SMA -
Deenhardt nipple.

Tail twinning much more
common. Did not urinate or defecate
from stimulation.

~~Photograph~~ A

13 July 77 - Day 4 $\Sigma = 10.7cc$

0730 AM - Fed eagerly
1.4 cc Deunhardt nipple
No vocalizations.

0945 - 1.0 cc
urin + def w/ stim.
Feces yellow-brown +
firm

12:00 Noon 0.8 cc SMA + Sust.

K. Green records voco. during weighing.

1500 hrs wght before feed 49.3g

1.5 cc
Fed eagerly SMA + Sust formula
A (New batch!)

no urin + def. with stimulation

1715 1.7 cc SMA + Sust.
urin + def with stim.

Frequent tail curling.

Being kept in a aquarium
at home with ~~heater~~ heating
pad (when necessary)

1945 Fed 1.6 cc SMA + Sustagen
in 3 batches -
did not stimulate to urin or def.

2200 Fed 1.4 cc SMA + Sust.
Deunhardt nip.

3 stages.

urinated on hand before feed
had already defecated.
Attempting to pull nipple into mouth.
curling tail into body when
tail straightened.

12 midnight 1.3 cc SMA + Sust.
did not urinate or def.
curled into fetal position +
went to sleep in my hand.
Responding well to loud noise +
bright light.

tail curling pronounced.

Fists difficult to
unclasp

Fist clenching easing.

Little vocalizing.

Can cling, but doesn't unless

fists are attached to fur. long fur
better.

14 July 77: Day 5 $\Sigma = 11.4 \text{ cc}$

0800 1.6 cc SMA + Sust.
no def. or urin. with stimulation.

10:00 Def. independently.

~~11:00~~ 11:00 AM 1.4 cc SMA + Sust.
fell asleep before end.
Clinging well to orange
shag.

13:15 wght 51.6g measurements
Photographs | Super 8 |
L. Dorsey | Hooze |

15:00 2.1 cc SMA + Sust
Would not urin/def.
spending time curled up
in fetal position with
tail curled forward over head.

1730 1.7 SMA + Sust
def. no urin feces yellow-brown
& firm.
Cheeped 3x during feed.

clearly examining nipple
by olfaction — not obvious
sniffing in head movements
but slight head waving up + down.
Searching movements.

1945 1.5 SMA + Sust (new formula)
no urin/def with stim.
got hiccups at end - lasted @ 5 min.

2215 1.8 SMA + Sust.

urinated when picked up +
during feeding - did not def.
when stimulated.

24:00 1.3 cc SMA + Sust.
def w/ stim. : feces toothpaste +
yellow brown
hiccuped after feeding (?)

becoming more alert when picked up.
Scanning movements with head.
(How much can it see ??)

Measurements		length
TL	22.5 cm	ear 1.8 cm
HR	10.0	ear width 1.4
Tail	12.5	hand 3.0
head	2.36	foot 3.4 cm

15 July 77 - Day 6 $\Sigma = 13.0 \text{ cc}$

0800 hrs 1.4 cc formula
hiccupping after 1st phase of
feed. No urin/def w/ stim.

Still ly curled up in fetal
position when resting
Clearly showing searching
movements for nipple.

0940 hrs 0.5 cc SMA + Sust
no urin/def. w/ stim.

1215 Had urin. + def in incubator
4 fecal pellets, brown + firm

Chirped 2x during 1st
phase of feed before
concentrated feeding
initiated.

1.0 cc SMA + Sust.

1430 wght (diff scale) 51.6

1430 1.6 cc SMA + Sust

1700 hrs 1.9 cc SMA + Sust
no urin/def w/ stim.
no vocal.
attempted sk at initiation
of feeding bout

Hoage: Sugar's film

1945 2cc SMA + Sust.
no urin/def.
strong sk attempts.

2200 2cc SMA + Sust
no urin/def w/ stim.

2400 Fed 2cc SMA + Sust.
Fed eagerly + finished
quickly.
Periodic sneezing which
seems common after feed.
Would not urin/def w/ stim.

16 July 77 Day 7 $\Sigma = 13.9 \text{cc}$

0820 hrs 2.2 cc SMA + Sust.

1040 hrs 1.7 cc SMA + Sustagen
(new batch formula)

Before feeding: att. sk on nipple
several times before he
began lapping. Alert +
olfactory examination
of my hand.

Hiccuffed after 1st phase
feeding. Several yawns during
hiccupping episode.

1320 1.7 cc SMA + Sust.
did not urinate or def.
Have not seen any feces ~~in~~
all day.

16:30 2.3 cc SMA + Sust.
did not def or urinate.
in car

18:45 Fed @ 2.2 cc SMA + Sust.
in Dulles airport.
defecated with stimulation -
brown firm feces.
Fed well.

2140 Fed @ 1.7 cc SMA + Sust
in car - no urin or def

2345 Had defecated independently.

Before feeding developed hiccups.

Hands loosening somewhat -
opens + clasps them periodically
alert all during feeding:
looking around. Lifts head well when lying.
urinated profusely while cleaning him

2.1 cc Sust + SMA (new batch form)

Still keeping feet clasped + crossed.
Tail curled up over body.
Fetal position. Keeping both elbows +
legs flexed - legs occasionally
extended during feeding.

17 July 77 Day 8 $\Sigma = 14.9\text{cc}$

0830 AM 2.0 cc SMA + Sust.
Urinated after feeding.

11:20 AM 2.5cc formula

11:40 AM Wght 56.6g

1:20 PM urinated with stim.

2:00 PM 2.5cc form. CRC

4:00 PM 1.8 cc Sust + SMA
urinated during feed.

7:00 PM 2.5 cc Sust / SMA
no urin / def.

9:10 PM 1.8 cc Sust / SMA

defecated prior to feeding
very actively seeking, biting
at nipple. So alert
that is difficult to imitate
feeding (lapping) response.

Hands occasionally unclasped
especially right hand.
Legs more often stretched.
Feet unclasped.

11:10 PM / 1.8 cc Sust + SMA
no urin or def w/ stim.

CRC

18 July 77

Day 9

$\Sigma = 15.9 \text{cc}$

0800 hrs 2.5cc Sust + SMA
(new formula)

had defecated during night.
did not urin/def with stimulation

observed to scratch head with
hindfoot.

Ear pinna erect.

1000 hrs 2cc Sust + SMA

10-12 noon had defecated -

1230 hrs 2cc Sust + SMA

defecated between 1-3 PM.

300 PM 2.5_{cc} SMA + Sust
~~defecated between 1-3 PM~~

600 PM 2.5cc SMA + Sust

Prior to feeding - combination of
infant rasps + chirps heard.

Animal able to hold head
raised completely + rotate
head to look around.

Left hand unclasped during
feeding. Right still tightly

clasped. Feet unclasped +
not crossed as much.
Tail curling during sleeping +
resting, outstretched sometimes
during feeding.

9 PM 2.2 cc SMA + Sust.

chirps before feeding
hindlimbs stretched during +
after feeding

Allowed to sk briefly -
Sk response very strong!

Maintained at 78°F - 90°F
for last few days -
no incubator.

Seems to recognize my voice
(or human sounds)

vocally responded to my
voice when hungry.

10 PM showed sk movements towards legs
when picked up while sleeping.

12 midnite - 2.2cc SMA + Sust

seems to be clasping properly w/
left but not right hand.

Spends less time in fetal position - more
time in pre-quadrupedal position.

19 July 77 Day 10 $\Sigma = 19.9 \text{ cc}$
~~SMA after~~

0800 hrs 2.5 cc Sust + SMA
no voics or much activity
before feed.
hiccupped after feed.

1030 AM 2.0 cc Sust + SMA
defecated between 1100-1200 hrs

12:30 hrs. 3.0 cc SMA + Sust
(new formula)
weight 56.7g before feeding

300-3:30 PM Super-8 Film Hoage
Dorsey - 35 mm stills.

330 PM Fed 3.0 cc formula

5:30 PM Fed 2.6 cc formula

7:30 PM Observed scratching
head & shoulder w/ hindfoot

800 PM Fed 3.0 cc formula

1030 PM Fed 2.3 cc formula

1230 AM Fed 1.5 cc.

20 July 77 Day 11 $\Sigma = 17.8 \text{ cc}$

08:45 Fed 3 cc SMA + Sust.
had defecated during night.

11:45 1.8 cc Then started
hiccuping during burping
feeding terminated.

12:40 PM 1.5 cc SMA + Sust -
(New batch formula)

3 PM 3.0 cc SMA + Sust.
Prior to feeding - had head
up, looking around,
giving alternate chirps (trills)
& rasps. Recorded by Green.

4:45 PM Wght 59.6g

5:30 PM 3 cc SMA + Sust

8:00 PM - Prior to feeding:

picking head up, looking around,
Able to right itself more easily
although not immediately.

Using elbows + forearms to ~~tilt~~
balance front part of body
when lifting head. Most of
shoulders as well as head lifted.
Opening + shutting fore + hind feet
for clasping.

Begins hiccuping prior to feed.

In more outstretched position more
often; tail not curled. Does
not use hands or feet (open) for
movement. Pushes forward using
fists of hands.

Testes not descended.

Fed 2.5 cc

11:00 PM - Fed 3.0 cc

~~11:45 AM - Fed 3.0 cc SMA + Sust~~

21 July 77 Day 12 $\Sigma = 19.4 \text{ cc}$

0840 AM 3cc SMA + Sust formula.

1100 AM Def. prior to feeding
well-formed dark brown
bolus - also urinated.

Fed 2.5cc SMA + Sust.

140 PM Carried in pocket
from 1 PM.

Fed 3.0 cc SMA + Sust
Back in incubator after feeding

350 PM Wght 60.6
animal infrequently in fetal
position. Tail typically held
straight back unless
sleeping. Hindlegs not crossed
but being held under body,
i.e. almost in a quadrupedal
position.

4 PM 2.9cc SMA + Sust
(new formula)

Prior to feeding side to side
head movements - searching -
Still has poor clinging ability,
i.e. will not hold on to vertical
surface for very long.

7 PM 3.0 cc

930 PM 3.0 cc

1130 PM 2.0 cc

Ly in crouch ^{sphinx} position
occasionally

Extremely alert + eager to
feed but cannot sit
properly. Sometimes
biting nipple.
Fur on venter sparse but
growing. Awake more often

22 July 77 Day 13 $\Sigma = 20.4$ cc

0830 3.0 cc SMA + Sust

0920 Observed defecating
hunches over, raises base of
tail. Feces well-formed
boluses (2) - medium brown
color.

1030 2.4 cc SMA + Sust

1345 3.0 cc " "

Film by Hoage + stills - Dorsey

1700 3.0 cc

1815 wght 62.7g

vocalizing before feed (chirp + rasp)

20:00 3.0 cc SMA + Sust

22:00 3.0 cc SMA + Sust

Am able to induce scratch
response by stimulation
in shoulder region but
scratch not coordinated.

1245 (midnight)

Feed 3.0 cc SMA + Sust

still will not cling for
prolonged periods.
Appears that hindfeet are
clinging better than forefeet
for long durations.

Prefers sleeping horizontally.

Is more active in cage, i.e.
moving around fur.

Can right himself but
squirms a lot

23 July 77 Day 14 $\Sigma 21.85 \text{ cc}$

0900 hrs 3.0 cc SMA + Sust
Some feces in cage from night.

1145 hrs 3.0 cc SMA + Sust

1215 Placed in sock around neck - slept til 1:30

Urinated. Woke up. Put hands on edge of pocket - to grip - seemed to enjoy. Pulled self completely out of pocket down to chest.*

1:40 Hiccups for two minutes

Back in pocket looked very alert, interested in people walking around.

1:50 Hunted a little with. Very alert active

1:55 Hiccups again - Back in terrarium.

Holding head up, moving around, chirping and squawking.

* Relaxed hands when pulling self up -
Used eline as lever.

2:10 Squawking. Hungry?

2:15 Squawking - I lifted up so is sitting on hankies balanced against "mother." Holds body vertically for about minute, looking around.

2:25 3.25 - 3.5 cc SMA + Sust.

2:40 Asleep in sock.

3:15 Urinated

$\Sigma = 21.85$

4:00 Urinated

4:45 2.45 cc SMA + Sust (mixed new batch)

Before feeding was alert & squawking. Showed interest in surroundings - When fed, showed definite sucking tendencies - Got hiccups after second half so didn't give additional.

After burping, very alert moving around in hand. Left hand ineloped and relaxed, right hand clenched. Raised upper half of body and pulled self up towards my hand so put next to ~~pocket~~ ^{sock} and crawled into pocket. Is still hungry.

Makes small purring sounds, which are different from snuffing, when nuzzling my hand.

6:15 Weight 62.6 grams. ^{res pms before} feed

6:30 Urinated

7:15 3.25 cc SMA + Sust

Hiccups. Chirped and squawked for a while before, then slept. Began coming in sock still.

7:55 3.40 cc SMA + Sust

Roars for upside and usually appears to suck. Urinated after last part of feed.

Sleeps horizontally in sock also

11:15 3.50 cc SMA + Sust.

24 July 1977

DAY 15

Σ 21.6 cc

1000 hrs. 3.0 cc SMA + Sust.

1125 hrs Put in sock around neck.

1300 hrs 3.00 cc SMA + Sust. Chirped during 2nd pt. Urinated after 1st 1.50 cc - seems to be a pattern.

After finished second part, exhaled over my hand down onto towel in usual fetal position - Since hadn't defecated yet, moistened some cotton and rubbed ano-genital area.

Defecated - Feces solid + tan (1). Went to sleep in sock.

1400 hrs. 3.4 cc SMA + Sust.

Urinated. Chirped before feeding. Hiccups afterwards - ~~He~~ Sucked for a few seconds - kept hand as usual clenched and slight clenched. Put in terrarium.

1600 Took out of terrarium brought to sock in sock - was hungry squawking, then vomited. Could have been death and see motion. Took fine - kept warm in hand until incubator heated up chirping + noisy snuffing hand.

1615 Put in incubator - 80°.

Measurements:

Tot. L. 24.3 Hd. L. 3.6 Hand 3.0
Tail 13.3 Ear Width 1.4 Foot 3.4
H-B 11.0 Ear Hgt 1.7

Wt. gain = 2.6 g
Σ = 21.6 cc

1645 Drank 2.9 cc SMA + Sust.

Was trembling during last part of feed. Snuffling sounds very audible. Chirped a lot during feeding. Seemed very alert. May have been chilled by cold room.

Placed in incubator inside sock - 80°.

1700 hrs. Appears to be sleeping

1820 hrs Weight 65.9 g

Urinated - lost .7 g so weighs 65.2 g
Seems o.k. snuffling still evident, but says doesn't sound bad.

1845 SMA - Sust 3.5 cc.

Hiccups before end of feed - to put on back and rubbed stomach - Seemed to enjoy - Anyway, no more hiccups. Then finished feed.

Fell asleep in same position in my hand. Seems to go through several stages. Have noticed this in sock: (1) does gradually with eyes half closed, making suckling motions with visible kneading gestures with hands; (2) eyes gradually close tightly, at which time he makes little chirps, nestles deeper into hand or sock, making snuffling + nodding sounds as tatts with head; (3) then is completely out and relaxed. Quiet, and can even pick up and doesn't wake up.

STILL DAY 15

21:15 hrs 2.0 cc SMA and Sust. Hiccups, rubbed stomach + went away.

23:20 hrs 2.8 cc SMA + Sust. Fell asleep twice when I tried to burp him, so don't force him.

25 July 77 DAY 16 Σ 23.05 cc

08:30 hrs 3.75 cc SMA + Sust
Hiccups - Rubbed stomach + went away.
Sucked about 25 cc himself. Made reaching movements with right hand - although still closed fist, for bottle.
Came to within reach, then placed in incubator.

10:45 hrs 3.25 cc SMA + Sust
Hiccups. Rubbed stomach.
Urinated

11:40 Took out of incubator to show Bob ~~him~~ hair elevation + fluttering response on head. Didn't respond to stimulation by noise, sticking, waving, poking fingers close to eyes or head. Appears alert and curious but can't tell what is looking at, IF HE CAN SEE.
Urinated in my hand.
Incubator temp. 84°

12:55 hrs Defecated - Two medium brown, solid

$\Sigma = 23.05 \text{ cc}$

12:00 hrs 2.8 cc SMA + Sust. with difficulty. Although heat turned up, seems to get cold quickly

15:30 3.2 cc SMA + Sust. feeding interrupted by phone call - Sucking increases with each feed. Didn't finish till 4. Susan Kennedy looked at animal + tested responses.
Response to light but not focusing or response to object close up - No response to clapping or snapping - Could it be that doesn't respond to low frequencies?

17:35 Wt 65.8 g.

18:15 3.4 cc SMA + Sust.
Hiccups. Urinated

20:15 3.9 cc SMA + Sust. Drank most by himself. Picked on skinny artificial mother in terrarium.
Urinated

23:15 2.75 cc SMA + Sust. Wacked more but didn't give focus like earlier. Perhaps because of air in milk or water - may have taken in some air. Shows strong response at various angles or surrogate mother.

26 July 77 DAY 17

Σ 22.8 cc

0820 3.6 cc SMA + sust. Drank first bottle alone. Heccups after last feeding. Put back in terrarium.

1020 hrs 3.5 cc SMA + sust. Drank bottle on his own in cage. Urinated afterwards. Heccups. Stayed on surrogate mother. Saw some clumped humps. Head tilted in one or two of positions checked.

1245 hrs 3.5 cc SMA + sust. Urinated. Heccups. Head tilted in one or two of positions checked.

1610 hrs 3.0 cc SMA + sust. Drank bottle on his own in cage. Urinated afterwards. Heccups. Stayed on surrogate mother. Saw some clumped humps. Head tilted in one or two of positions checked.

1720 hrs 3.0 cc SMA + sust. Drank bottle on his own in cage. Urinated afterwards. Heccups. Stayed on surrogate mother. Saw some clumped humps. Head tilted in one or two of positions checked.

1730 hrs 3.0 cc SMA + sust. Drank bottle on his own in cage. Urinated afterwards. Heccups. Stayed on surrogate mother. Saw some clumped humps. Head tilted in one or two of positions checked.

1850 Urinated afterwards, wt. 67.1 g

WT = 67.1 g

Σ = 22.8 cc

1950 hrs 3.50 cc SMA + sust

Urinated. Squeezed while drinking. Wouldn't let snake afterwards. Looks ^{alertly} around. Gaton discovered that if you turn him away from object of gaze, his pupil tries to follow - if object moves, no response. So maybe he can see!

2205 hrs Urinated. Wake up, vocalized. Scratched side - First time I've seen him do it on his own.

2215 hrs 3.50 cc SMA + sust

27 July 77 DAY 18 $\Sigma = 25.0cc$

07:15 to 40 cc SMA + Sust
Napp

08:15 to Pat - napp

09:00-09:30 Awake, holding up head & chest raised on effort. Hair, feathers shed. Gazed east & west. Arrived back, crawled over to back. Tail behind and was unable to pull self up, but when right hand reached body up. Moved wooden edge of towel rack around.

Claws fur changed, squarer, and like grey. Claws fur white feet and wing hand. Starts at trying to pull self up from side of towel rack. Appears too much for muscle development, as yet. Would be a success would be able after an hour.

Moved around with upper part of body mostly over an arm in hr. Sometimes vocalized and opened mouth (water, gas?)

Finally gave up and went to sleep on side. Note: Since he was fed at 7:15 shouldn't have been hungry, but still he was.

Scratched with hind foot several times.

10:45 Scratching side of right left. contacting body. Raised elbow to get to ~~under~~ armpit during scratch. Clearly more alert + active + coordinated relative to 23rd July

Fed ~ 3.6 cc SMA + Sust.

Allowed to sk on own but swallowed too quickly. Squeezing several times after feed. Gawned 3x during feed. Tilts head while gazing.

Exhibiting almost normal grasp + clutch by opening + shutting feet.

13:00 wakes up, alert, rasping + chirping, scratching, ~~tail~~ looking around,

3.5 cc SMA + Sust. - rapid eager feeding
1/2 sk 1/2 lap

15:00 Awake, rasping, looking around, scratching,

15:30 3.5 cc SMA + Sust 1/2 sk 1/2 lap

17:30 67.7g

17:40 3.5 cc 1/2 sk 1/2 lap

20:15 3.4 cc SMA + Sust carried in sock (new formula)

23:00 3.5 cc - sk most of bottle using nipple with larger hole holding head up when awake for 1/2 hr.

28 July 77 Day 19 $\Sigma = 24.6$ cc

0830 hrs 3.5 cc SMA + Sust -
mainly sk.

11 15 3.5 cc SMA + Sust / mainly sk

1315 Super 8
film + measurements
Hoage -

showing grasp response
head following my movements
clinging ability

measurements
H-B 10.8 | Tail L. 13.8 | Ear Hgt 1.6 | Hand 3.3
T.L. 24.7 | Hd. L. 4.2 | Ear Width 1.8 | Foot 3.3

1330 3.5 cc SMA + Sust / mainly sk

1600 3.5 cc SMA + Sust

18:30 3.6 cc SMA + Sust. $\frac{1}{2}$ sk: $\frac{1}{2}$ lap
Have been carrying around neck
in sock.

2100 Had defecated - 3 boluses
dark brown / hand in sock
3.5 cc SMA + Sust.

2330 3.5 cc SMA + Sust
mainly sk.

Being kept in
aquarium at home:
no extra heat

Comments: (1) Hands + feet becoming pigmented,
are now grey-pink color (2) Fur on venter
longer although still sparse (3) Animal
hungrier at feeding, usually awakening 2 hrs
after previous feed (4) Searching for nipple includes
butting at nipple w/ side-to-side head movements
(5) Shows proper grasping with hft; better
than hands. (6) Frequent rasping
when hungry. Occasional chirps/trills
during feed (7) Yawn (gape) often
follows from rasp (8) Can erect entire
forequarters + gaze around. (9)
Uses forefoot for scratching near rump
(10) Hindfoot scratching coordinated + includes
back of head, back, side, neck. (11) Follows
movement + sound with head movements.

29 July 77 Day 20 $\Sigma = 27.7 \text{cc}$

0830 4.6 cc SMA + Sust.

1100 4.0 cc SMA + Sust (new batch)
defecated & urinated before feed

1240 Wght 72.4 g

1330 4.0 cc SMA + Sust.

15:40 awake & squeaking in
incubator

1600 4cc SMA + Sust.
clinging well in incubator

1900 4cc SMA + Sust

21:15 3.9 cc SMA + Sust.

23:00 3.2 cc SMA + Sust.

hicups after feeding

Comments. (A) gazing around
frequently (B) clasp & unclasp
of fore & hindlimbs

(C) head tilt during gaze

(D) rasp more common during
awake hungry period.

30 July 77 Day 21 $\Sigma = 31.6 \text{cc}$

12.7
15.9

31.6

0815 5.0 cc SMA + Sust.

1030 defecated brown firm bolus

Fed (10:30-11 AM) 4.0 cc SMA + Sust
(new batch)

and ~0.5 cc (berbers rice cereal
& milk) formula

14:00 Fed 4.2 cc SMA + Sust.

Midway in feed

Wght 75.8 g

1630 4.5 cc SMA + Sust

1845 5.0 cc SMA + Sust.

21:30 5.0 cc SMA + Sust.

had defecated before feeding

looser than usual

(Gray wedding party + Redford
BBQ - lots of noise & people)

2345 3.9 cc SMA + Sust.

awake as long as there's noise &
people - during Gray party + BBQ.

31 July 77 Day 22 $\Sigma = 29.8 \text{ cc}$
 $\Sigma = 1.2 \text{ cc}$
rice cereal

0915 5cc SMA + Sust
(feces found in cage - hard + brown)

1145 4.9 cc SMA + Sust

Prior to feed making rasps.

Clasping + grasping perfected.

Can readjust position on
fur surrogate.

Opening + closing fists
frequently.

Defecates after feed -
holds rump + tail slightly
raised.

Can easily + regularly
hold head raised +

forequarters - But still
using fists for support.

1300 Diarrhea noticed
weight 76.2 gm

1340 Rasping - by on side scratching
side with forefoot.

Down to 6 feeds/day

1500 Fed 5.0 cc SMA + Sust
(new formula) - diluted
to 60% strength
+ @ .5 cc Gerbers rice cereal
Chirps + rasps during feed -
didn't want to take cereal.

1600 5.4 cc formula at
80% strength

20:30 6.0 cc formula full
strength

23:30 3.5 cc formula full
strength

~ .7 cc cereal (Gerbers rice)
taken from syringe

Has not defecated since 1300 hrs

Moving around considerable
amount, readjusting position
Awake much of the day between
feeds. Sometimes using
forefoot or hindfoot to
cling to tail or own fur.

1 Aug 77 Day 23 $\Sigma = 31.4$ cc
 $\Sigma = 1.4$ cereal

0815 Had defecated - feces firm
6cc SMA + Sust full strength

1100 hrs. 4.0 cc SMA + Sust
• 7cc Gerbers rice cereal

Green records voco.

1400 3.4 cc SMA + Sust
(new formula)
1.0 cc Gerbers cereal
(rice) mixed with milk.
Cereal taken more
eagerly + efficiently.

1700 loose feces
wght 77.7 before
feed.

Fed 6.0 cc SMA + Sust.

1930 5cc SMA + Sust

2200 Had defecated - feces firm
3.5 cc SMA + Sust

0030 3.5 cc SMA + Sust

Comments :

① Almost able to sit upright
but still keeps fists clenched
when holding forequarters
raised. Hindfeet
still occasionally crossed.
Tail usually held straight
out ~~off~~ behind.

② Has long bouts of grooming
after a feed, including
hpt scratching
alternating with scratching
~~hpt~~ rump with forefoot.

scratch reflex for several
days

2 Aug 77 Day 24 $\Sigma = 25.2$ cc milk
 $\Sigma = 3.4$ cc cereal

0900 - well formed feces in cage
6.0 cc SMA + Sust.

when no longer hungry will
begin gazing around +
head shake when nipple put
near mouth.

11:30 1.4 cc rice cereal mixed w/ milk
4 cc milk formula

defecated during feed.
took cereal very well - bites
at syringe when eating cereal.

13:25 81.0 gm Wght

1400 3.5 cc milk (new ~~form~~
SMA + Sust batch formula)

1645 3.5 cc ~~new~~ SMA + Sust
2.0 cc Gerbers rice
cereal w/ milk formula

Photographs taken by D.K. + C.D.

Sibling in SMH was off today
for 30" - 1 minute.

1945 5 cc SMA + Sust.
Grooming bout after
feed.

2200 Firm feces present.

2300 3.2 cc SMA + Sust

Incubator at office left off.

Comments:

- (1) while sitting upright holding
shag w/ gave leverage
~~clearly~~ clearly visually
followed nipple as it
approached + thrust forequarters
& head forward to make contact.
- (2) when awake, commonly
sits with forequarters
raised + gazing around.
- (3) Grasping shag so well that
he's difficult to extricate
from shag.
- (4) Use pft more frequently to
scratch belly, rump
- (5) Scratch reflex only when to
stimulate ear.
- (6) Stretching movements when he wakes
up. (7) May sleep with tail curled over
head.

3 Aug 77 Day 25 $\Sigma = 28.5$
 $\Sigma = 4.0$ cc Gerbers rice cereal

0900 6cc SMA + Sust.
2 fecal boluses in cage

1130 AM 2.9 cc SMA + Sust
2.0 cc Gerbers rice cereal

1230 Feces - hard-present

1400 6.0 cc SMA + Sust
(new batch formula)

1645 Fed 6.0 cc SMA + Sust
Hoage Super-8 filming

1800 Wght 86.7

1930 2.0 cc rice cereal + form.
3.0 cc SMA + Sust

23:15 4.0 cc SMA + Sust.
Incoops after feed -
eating too fast

always chirps during rice cereal feed,
bites syringe end, feeds sloppily.

4 Aug 77: Day 26 $\Sigma = 28.9$ cc milk
 $\Sigma = 2.7$ cc rice cereal + monkey bisquit

0800 5.2 cc SMA + Sust.
defecated during feed

1030 1.5 cc Gerbers cereal / monkey chow / milk
2.5 cc SMA + Sust
occasionally gagging on cereal
chow mixture

1155 wght 86.5 g

12:30 3.0 cc SMA + Sust -
(new batch formula)

1530 1.2 cc Gerbers rice / monkey chow / milk mix
4.0 cc SMA + Sust

1800 Actwely squirming around +
squatting @ 2 hours after
each feed.

4.0 cc SMA + Sust
doesn't seem as hungry but
schedule off

From 1900 hrs on - awake +
squatting.

20:30 5.4 cc SMA + Sust.
23 15 4.8 cc " "
scratching well with feet on
belly.

5 Aug 77

Day 27

E = 28.3 SMA + Sust
E = 2.8 cc cereal
E = 2.0 cc applesauce

0830 AM 6cc SMA + Sust.

Two fecal boluses in cage before feed.

Also defecated right after feed.

Is almost able to lift hindquarters off ground with hindfeet. Is using left to push body forward.

1130 AM

1.0 cc Cerbers rice (monkey chow etc)

4.5 cc formula milk

1330

1.0 cc cereal mix w/ chow
4.0 cc SMA + Sust.

15:30

3.0 cc SMA + Sust (new batch form)

1720

88.8 g

1800

2.0 cc Cerbers applesauce ^{no sugar}
3.0 cc SMA + Sust
defecated (loose + light brown) during feed.

Frequent tail cleaning by

pulling tail between legs + attempting to rake it with forefeet (scratch)

Black starburst being obscured by center forehead growth of gold fur

2100 4cc SMA + Sust

• 8cc Cerbers rice + chow + milk

defecated during feed - loose

Feeding from syringe may be upsetting -> diarrhea

Able to drink milk from nipple with head up w/ being held in hand.

Using hand to attempt to grab nipple during feed. Hands also used to hold tail during scratch.

Still cannot stand. Sitting upright all time when awake.

Nbt more often opened now when seated.

2400

3.8 cc Sust + SMA

6 Aug 77 Day 28 $\Sigma = 29.0$ cc SMA + Sust
 $\Sigma = 4.7$ cereal
 $\Sigma = 2.0$ cc applesauce

0900 5 cc SMA + Sust
firm feces present in cage

1130 1.7 cc rice cereal/chow/milk
4.8 cc SMA + Sust

1400 defecated prior to feed - firm
3.0 cc SMA + Sust
1.0 cc rice cereal/chow/milk

1st seen pulling himself forward
with forefeet as well as hindfeet.
Chirping more frequently, although
rasp common when hungry

able to hold his whole body upright
when trying to walk quadrupedally
but cannot walk

1645 Defecated before feed - firm
1/2 cc cereal mixture
5.0 cc milk
initially ate cereal eagerly; then quit.

1930 Defecated before feed - loose
0.8 cc cereal
4.0 cc SMA + Sust

2200 2.0 cc Cerbers apple sauce
3.2 cc SMA + Sust (new batch)

Not held in hand for almost
all today's feedings

2400 4.0 cc SMA + Sust

Very active 1800 - 2100 hrs.

Fur grown in on throat,
belly, feet. Tail fully
furred.

Soles of feet + Palms becoming
more grey.

Grooming of all body parts
fully coordinated.
Autogrooming when waking up
& after feed.

7 Aug 77 Day 29

$\Sigma = 25.0$ cc SMA + Sust
 $\Sigma = 5.4$ cc cereal
 $\Sigma = 3.0$ cc applesauce

0830 Feces present / firm

1.0 cc cereal

4.0 cc SMA + Sust

Defecated during + after feed (firm)

After feeding trying to stand +
able to lift body off ground for
@ a second by pulling forward
w/ fft + pushing with hgt.

1100 Feces present

1120 92.1 gm

1145 1.0 cc cereal

4.0 cc SMA + Sust.

245 1.2 cc cereal

4.0 cc SMA + Sust.

515 5.0 cc SMA + Sust

1.4 cc cereal

Measurements

Tail 14.9 cm

Ear Hgt 1.6

Hand 3.0

HB 12.0

Ear width 2.0

Foot 3.4

Total length 27.5

800 PM

4.0 cc SMA + Sust

3.0 cc Applesauce

1100 PM

4.0 cc SMA + Sust

.8 cc cereal

Began to bite at small
objects — see thing?

Took a large shit after
feeding — toothpaste

8 Aug 77 Day 30

$\xi = 26.2$ SMA + Sust

$\xi = 6.3$ cereal

$\xi = 2.0$ cc applesauce

0900

1.5 cc cereal

5.0 cc SMA + Sust

feces present in cage

(3 boluses) + animal

defecated before + after

feed — feces dark + firm

1130

5.0 cc SMA + Sust

1.2 cc cereal

defecated prior to feed —

loose + green (with urination)

Green — vocs recording

1400

5.0 cc SMA + Sust

1.2 cc cereal

defecated during feed — loose

1530 Wgt 98.2 gm

1630

1.2 cc cereal

4.5 cc SMA + Sust

Mack Super-8

1930

2.0 cc applesauce

3.0 cc SMA + Sust

2130 Some very loose feces present

2230

Fed 1.2 cc cereal

3.7 cc SMA

Still trying to stand — improving

9 Aug 77 Day 31

$\Sigma = 28.9$ cc SMA + Sust

$\Sigma = 6.9$ cc cereal

$\Sigma = 3.0$ cc applesauce

0830 1.4 cc cereal
5.0 cc SMA + Sust

one fecal bolus present in cage
defecated after feed - both firm

1100 0.8 cc cereal
5.0 cc SMA + Sust (new batch)
feces present - firm

1330 Loose feces present

1345 1.0 cc cereal
5.0 cc SMA + Sust
is alternating ^{fore} limbs when
trying to walk -
Can almost walk

Using hands to try + grab
at things although
doesn't have eye-motor
coordination yet.

1530 Photos - stills - J. Dorsey
outdoors; fast film

Wght 98.9g

1630 1.5 cc cereal
5.2 cc SMA + Sust
defecated before feed - firm

1930 3.0 cc applesauce
3.5 cc SMA + Sust

After feed chewed on piece of
apple!
Is able to stand + alternate
limbs for walking altho
can't walk more than 1-2
steps. Grabbing at objects
of hands.

Pouncing at objects
Rasp voc. when hungry!

Able to stand on hind legs
while holding self up by
hands.
Really moving around + exploring
environment deliberately.

2300 5.2 cc SMA + Sust
1.2 cc cereal (Cerberus rice +
pulverized
monkey chow)

fed last part of formula
from a spoon!

10 Aug 77 Day 32 - $\Sigma = 26.8$
 $\Sigma = 8.1$
 $\Sigma = 3.0$ cc apple sauce

0815 — one fecal bolus in cage,
defecated twice more before feed — firm

• 5cc cereal
6.0 cc SMA + Sust taken
completely from spoon.

1000 Two more fecal boluses — firm

1030 Allowed to chew on piece of
apple.

1115 2cc cereal
5.2 cc SMA + Sust,
Fed entirely from spoon,
defecated during feed / firm.

1400 2cc cereal +
3.2 cc
from spoon

1630 Wgt: 101.3g

Green recording

1700 ~1.6 cc cereal in formula
4.0 cc milk
Able to climb up onto
macramé swing mother.

2030 AM Fed 3.0 cc ~~apple sauce~~
5.0 cc SMA + Sust.
from spoon

0015 2.0 cc cereal
3.4 cc SMA + Sust
from spoon mainly
Eating well from spoon.

11 Aug 77 Day 33 $\Sigma = 25.7$ cc milk
 $\Sigma = 11.8$ cc cereal
 $\Sigma = 1.8$ cc applesauce

0830 Defecated 4x before
feeding, once after
feeding

6.0 cc SMA + Sust.
2.0 cc cereal (berbers rice
monkey chow
milk)

11:15 1.5 cc cereal
4.0 ~~cc~~ cc SMA + Sust

1500 3.0 cc cereal
4.0 cc SMA + Sust -
new batch.

1700 wght 106.3

1800 1.8 cc applesauce
4.8 cc mixed milk +
 $\frac{1}{2}$ slice banana

2015 3.2 SMA + Sust
2.8 cereal
piece of apple before feed
defecated firm but in quantity

Banana +
apple eaten!

before feed - munny tooth paste.

All meals from spoon except
at end when from
syringe

wobbly walking

2230 ✓ 2.5 cc cereal
2.7 cc SMA + Sust
not very hungry

12 Aug 77 Day 34
 $\Sigma = 22.9$ cc SMA + Sust
 $\Sigma = 11.9$ cc cereals
 $\Sigma = 0.5$ cc Gerbers pears

0830 AM 3.0 cc cereal
4.0 cc SMA + Sust
defecated 2x during feed
appeared constipated.

1130 AM 3.0 ~~cc~~ cc milk
2.8 cereal

245 PM ~ 6 cc milk (new batch)
with marmoset chow
mashed in
0.5 cc mashed Gerbers
pears

photos + Super-8
Dorsey Mack

500 PM 1.5 cc cereal - HiPro Gerbers cereal alone
3.2 ~~cc~~ cc milk - SMA + Sust

800 PM 2.4 cc cereal (Gerbers rice & chow)
3.0 cc milk (SMA + Sust)

11:15 PM
2.2 cc Gerbers HiPro cereal
3.7 cc SMA + Sust

Frequent pouncing in play
Still wobbly walking but
with alternate foot
movements

All feeds from spoon

$\Sigma = 29.2$ cc SMA + Sust

$\Sigma = 13.3$ cc cereal

13 Aug 77 Day 35 $\Sigma = 1.6$ cc Gerbers pears

10 00 AM 5 cc SMA + Sust,
1.6 cc Gerbers pears

12 30 3.0 cc cereal (rice + monkey chow)
mixed with banana

2.0 cc formula (SMA + Sust)

14 00 Wgt 107.4g

During weighing produced chirps. After, while Kennedy holding him produced 3 note long call or beginnings thereof.

Pounces now include both fore + hind limbs off ground.

Vocs now include loud chirp rasp, 3 note call (sometimes 2 syllables), purr.

Rasp usually 2 notes.

1445 3 cc Gerbers Hi Pro
2.8 cc SMA + Sust
+ 5.0 cc SMA + Sust
(new batch)

1730 5.0 cc SMA + Sust
2.8 rice + monkey chow cereal

2000 5.2 cc SMA + Sust
2.0 cc Hi Pro Gerbers cereal.

apple pieces eaten before feed
Attempts to hold apple in hand + put in mouth.
Feces this PM have been looser + greener

2330 2.5 cc Gerbers Hi Pro + monkey chow cereal
4.2 cc SMA + Sust

pounced with ft + left off substrate
exploratory behavior +
play now common -
pouncing mainly during play
but manipulating objects with
hands + mouth. Side to side gaze still
common. Biting at objects.

14 Aug 77 Day 36

Σ 24.8 cc SMA + Sust

Σ 9.8 cc cereal

Σ 3.0 cc Gerbers pears

some apple
piece banana

0845

2.8 cc cereal (HiPro + monkey chow)

4.4 cc SMA + Sust

defecated after feed - firm

1130

cereal 1.6

milk 3.2

defecated during + after feed

looser - toothpaste

Wght 1300 hrs — 113.0 g

1415

Independent feeding

Ate full slice of banana !!!

+ 4cc SMA + Sust - new batch.

1715

3cc HiPro + chow cereal

4.8 cc SMA + Sust.

20:15

3cc Gerbers pears

5.4 cc SMA + Sust

Prefers to eat pears out of syringe

Colonial is able to climb onto objects, eg elbows by standing on hind legs and pulling himself up with forelegs.

Walking with less wobble.

Follows objects with eyes eg human movement, fly.

1130 PM

2.4 cc cereal

3.0 cc milk

Σ 29.1 cc +
Σ milk +
cereal

15 Aug 77 Day 37 Σ 5cc pears
1/2 banana

0830 3cc Gerbers pears
2.2 cc cereal (HiPro + Chow)
2.0 cc milk

1130 2cc SMA + Sust
1.5 cc milk + marmoset diet
1/2 slice banana - self feeding

1345 5.5 cc SMA + Sust
(2.0 cc mixed with marmoset
chow)

1700 5.0 cc SMA + Sust (new batch)
mixed with Gerbers HiPro + Chow.

1900 Wght 116.3g

988
2015 1.5 cc milk
4.4 cc milk + HiPro cereal

2340

2cc pears Gerbers
2.5 cc HiPro cereal + chow
1.2 cc milk

~~24th~~

16 Aug 77 Day 38 Σ 26.6 cc
 Σ 2.2 Berbers pears

0630 2.2 cc SMA + Sust
2.6 cc cereal
1.7 cc pears

1145 Ate piece of ~~peas~~ banana
on own in incubator (2-3g)
4.6 cc milk with
little marmoset chow
in it.
0.5 cc pears Berbers

2 15 3.2 milk
2.2 Hi Pro cereal

4 30 Full piece of banana = ~ 3-4 g.
while photographing
Stills + Super - 8

5:10^{PM} weight 120.9

5:25 PM 3.4 cc milk + Hi Pro
cereal

7:30 PM 2.6 cc milk +
Hi Pro cereal
bit of apple.

10:15 3.8 cc. milk + cereal
before ate considerable
apple - self-feeding
moves from piece to piece
carries apple in mouth

~~is~~ Able to jump, climb up onto
objects, pounce -

pounces more than walks

17 Aug 77 Day 39 Σ : 30.2 liquid
+ cereal

0830 4.8 cc mixed cereal + milk
2.0 cc pears

11:30 Mixed marmoset chow banana
+ milk
~~amt~~ amt eaten unclear

Then fed marmoset chow
mixed with banana -
fed on tongue depressor
Tried 2 mealworms,
inside taken.

Repeated 3x during
feed + urinated
Feces very firm.

When waking up occasionally
produces 3-4 syllables
of long call -

2:00 ② 5.5 cc milk + cereal
① mixed banana + marmoset
Chow
ate well from tongue
depressor

4:00 P.M. 122 gms weight

Feces lately have been
firm + yellow-brown
probably banana.

4:30 P.M. Self feed of $\frac{1}{3}$ banana + $\frac{2}{3}$ marmoset
chow, in incubator
ate @ 1-2g.

Then ~ 5cc mixed milk, marm.
chow, banana, + HiPro.
Ate well.

Gained 2.7 gms from feeding.

7:30 P.M. Self feeding of several pieces of
apple in incubator. Then
~ 4cc milk + HiPro + chow
+ 3.1 cc milk
(new batch milk)

1:00 P.M. 3.0 cc pears from
syringe
2.8 cc milk + HiPro

Ability to pull himself onto object
by pulling with forelegs + swinging hind legs up
is perfected.

18 Aug 77 Day 40

0815 3 cc Milk cereal (HiPro + chow)
with milk
1.5 cc pears berries
2.0 cc SMA + Sust
defecated 4x during
meal - All firm.

1130 5.8 cc milk + marmoset chow
+ banana
before milk, ate numerous
small pieces of ^{marmoset} chow
x

2-230 PM 3 mealworms (eagerly)
several pieces of marmoset
chow + banana
5.2 cc milk + HiPro + monkey
chow

3 PM 3.0 cc milk -

450 PM Wght 123.7g

600 PM 5.0 cc
milk + cereal

8:40 PM 5.0 cc milk
1/2 tsp cereal
ate all but 2.0 cc of
5.0 cc several pieces of cereal

1:30 AM

1.0 cc milk - 1/2 tsp cereal
Ate 3 cc of combination

5 feeds

14 Aug 77 Day 41

0900 2.4 cc milk (last)
3.4 cc HPro + chow + milk (1/6 cc milk, 1/2 tsp cereal)
2.2 cc Gerbers pears

1145 2 mealworms
1/2 tsp 2/3 marmoset chow + 1/3 banana
4cc milk + 1/8 tsp Gerbers HPro

defecates during + after meals
feces extremely firm

Animal well coordinated;
highly vocal when playing.
Climbing, rolling ^{side} on back holding
surrogate mother ^{or macramé}. Pouncing
Usually sleeping to 11 AM -
Most active hours 3-8 PM.

When playing chirps alternating
with rasps.

Has nest box which he prefers
to sleep in. Chewing wood.

Doesn't eat whole mealworm but
~~spits~~ chews + spits out exoskeleton.

2:30 PM ~ 1/2 tsp (2/3 Science diet 1/3 Ban)
3.8 cc (1/5 cc milk, 1/2 tsp cereal)
SMA
Sust + cereal
2.2 cc SMA + Sust

5 PM 3 cc SMA + Sust + cereal
(1/6 cc + 1/2 tsp)
1/2 tsp Science + banana
several pieces of apple.

6:20 PM Weight 125 gm.

8:30 PM piece of banana
1/2 tsp Science diet + banana
3 cc SMA + Sust with cereal
(mixed batch milk)

Long call heard when Colone put
to bed. Long call seems to
occur when isolated + tired.

20 Aug Day 12

0900 7.4 cc milk + cereal
(1/2 milk + 1 tsp cereal)
defecated 2x during feed

12 noon

1 tsp (3 marm. diet: 1 banana)
3 mealworms
? milk

3:30 1 tsp (3 marm diet: 1 ban)
1/2 thin slice apple
4 cc milk - drunk out of
dish.

4:20 PM Wght 128.8

6:30 1:4 (Ban.: Science diet)
Axe 1/3 tsp
4.5 cc SMA + Sust.

9:10 PM

7 1/2 tsp ^{4 marm diet:} banana (cont of 1/4 tsp of 1 Ban: 4 die)
5 cc milk + cereal (cont of 1/2 tsp H₂O + 9cc milk)

~~12:15 8 cc milk w/ 1/4 teaspoon cereal
2 1/2 mealworm
1 1/2 tsp marm diet w/ 1 slice banana,
5 pieces apple (1cm x 1cm)~~

~~2 cc milk w/ 1/4 teaspoon cereal
3 small pieces apple
1 tsp marm diet w/ 1 slice banana
1/2 tsp marm diet~~

~~refed banana, food, long feed~~

21 Aug Day 43

10 AM 8cc / 11cc milk + 1/4 tsp

1/4 tsp of Diet: 1 Banana

12:30 PM 8cc milk
1/4 tsp Diet: 1 Banana

4 PM 4.5 cc milk
1/2 tsp (4 Diet: 1 Banana)
1/2 thin slice apple

6:15 PM 4.5 cc milk + cereal
1 tsp (3 Diet: 1 Banana)

9:15 3/4 tsp (9 Diet: 1 Banana)
1/2 thin slice apple

22 Aug DAY 44

9:00 7cc milk 1/2 tsp hi pro cereal
1 banana + 1/2 tsp cereal, with warm diet
left in cage

8:00 8cc milk 1/2 tsp hi pro cereal
1 banana
1/2 tsp warm diet
4 pieces apple
At 8:30 AM 1/2 tsp hi pro cereal

10:50 8cc milk + 1/2 tsp hi pro cereal
1 banana
1/2 tsp warm diet
4 pieces apple
At 11:30 AM 1/2 tsp hi pro cereal
1 banana
1/2 tsp warm diet
4 pieces apple

At 12:00 PM 1/2 tsp hi pro cereal
1 banana
1/2 tsp warm diet
4 pieces apple
At 12:30 PM 1/2 tsp hi pro cereal
1 banana
1/2 tsp warm diet
4 pieces apple

23 Aug Day 4

9:00

3/4 tsp marm diet + 1/2 slice banana
3 cc milk from dish

Drank water from dish, took stills. Also forced
mealworm and ate. Also stills of play.

11:15 Filmed 7 min of play eating, drinking, locomoting,
3/4 tsp marm diet

1 slice banana ate all by self from dish.

1 slice apple

5/8 cc milk + cereal

5 mealworms

Recorded vocal: play rasp, purr, long call, food chirps

4:00 pm Wt. 136.1 g (I noticed that scale was
not regulated properly. Could be that
why weight seemed low.)

9:30 1 tsp marm diet w/ 1/2 tsp banana

7 cc milk w/ mealworm eat cereal

1/2 slice banana from dish drank

1/2 slice banana

10:15

1/5 tsp marm diet + 1 slice banana

8 cc water

2 cc orange juice (1/2 tsp)

24 AUGUST DAY 46

9:00

5 cc milk

1/2-teaspoon marm diet

3 slices apple

1/4 tsp banana

1 mealworm

Defecated about 5 times
during meal

11:00 drank large amount of water (8 cc?) from
dish and ate a little marm diet

1:00

1 tsp banana + 1 tsp marm diet

5 mealworms

1 1/2 cc orange juice + 9 cc water

Drank water from dish in cage

2:00

Wt 134.5 - gained 10 g. after ate

1/2 tsp marm diet. Ate some from plate
alone.

1 1/2 slice banana

1 mealworm

8 cc milk.

3:00

2/3 tsp marm diet

} ate some plain marm diet at
table

1 1/2 slice banana

2 cc orange juice

4 cc water from dish

4:15

2/3 tsp marm diet 1 1/2 slice banana

5 cc milk from dish

AUGUST 25

DAY 47

9:15 $\frac{1}{2}$ tsp marm diet w/ $\frac{1}{2}$ tsp banana
5 cc milk from dish
4 meal worms
- Vomited milk first time ^{then} drank -

11:00 drank water from dish on dish.

11:15 ate piece of orange

12:15 $\frac{1}{2}$ tsp marm diet $\frac{1}{4}$ tsp banana
1 large piece apple
1 cc B.V. w/ 1 cc H₂O
3 meal worms

2:00 Drank water on dish. Took several very small
pieces from dish. Food
As 1 meal worm

Locomotion much more rapid. Climbing a little better

Began for food from distant mouth.

Urinated frequently, probably because of drinking so
much water - a. how resource!

4:50 wt 139.3 grams.

5:15 $\frac{1}{2}$ tsp marm diet $\frac{1}{2}$ banana.

6:00 $\frac{1}{2}$ tsp marm diet $\frac{1}{2}$ tsp banana
2 pieces orange
1 piece apple
7 cc milk

11:30 $\frac{1}{2}$ tsp marm diet $\frac{1}{2}$ banana slice
7 $\frac{1}{2}$ cc milk.

AUG 26

DAY 48

9:15 $\frac{3}{4}$ tsp warm diet + $\frac{1}{4}$ banana
2cc Orange juice
2cc Water
1/2 tsp fat oil

11:45 $\frac{1}{2}$ tsp plain warm diet
3 pieces banana ($\frac{1}{2}$ tsp)
2 pieces orange
5 mealworms

3:15 1 tsp warm diet
 $\frac{1}{2}$ tsp banana
5 mealworms
2 pieces orange

Jumped into the "air" today on own

5:15 Wt. 139.2 grams
Jumps in series of short low hops vs. few
high hops.

8:30 $\frac{1}{2}$ tsp warm diet
 $\frac{1}{2}$ tsp banana
2cc orange juice
9cc milk } wanted
4 mealworms }

8:00 $\frac{1}{2}$ tsp warm diet, 1 tsp banana
4cc milk

10:15 $\frac{1}{2}$ tsp warm diet, 1 tsp banana
3cc milk

Note: feeding voice sound like
adult food chatter

August 27

Day 49

7:45 Was half awake - Not hungry at first - Wavy
gag response -
8:00 $\frac{1}{2}$ tsp warm diet, 1 tsp banana
few drops oil

11:20 $\frac{3}{4}$ tsp warm diet + $\frac{1}{2}$ tsp banana
1 small piece orange
1/2 apple
3 mealworms 1:00 1 grape

1:30 $\frac{3}{4}$ tsp warm diet w/ $\frac{1}{2}$ tsp banana
1 mealworm
1 piece orange
Few 1/2 apple
 $\frac{1}{2}$ raisins

4:45 $\frac{3}{5}$ tsp warm diet $\frac{2}{4}$ banana
3 raisins

5:00 Wt. 139.6 grams

5:15 2 mealworms

7:50 3 mealworms

11:20 $\frac{1}{2}$ tsp warm diet $\frac{1}{2}$ banana
1 tsp orange juice

1:00 $\frac{1}{4}$ tsp warm diet $\frac{1}{2}$ raisins $\frac{1}{4}$ tsp banana

AUGUST 28 DAY 50

7:30 $\frac{2}{3}$ tsp warm diet 4 tsp milk
1 slice banana
 $\frac{1}{2}$ tsp apple sauce

11:00 5 mealworms

1:00 $\frac{3}{4}$ tsp warm diet 1 tsp banana
1 tsp apple sauce
1 small piece cheese

8:00 5 raisins
3 mealworms

4:00 $\frac{1}{2}$ tsp warm diet
2 slices banana
1 raisin

5:30 $\frac{1}{2}$ tsp warm diet + banana
3 mealworms

9:00 $\frac{3}{4}$ tsp warm diet
1 tsp apple sauce
1 tsp banana
4 mealworm pupae

Seems to be gaining coordination. Mouth more sure.
Began climbing alone. Enjoys swinging in sock.
Has begun making larger steps.

AUGUST 29 DAY 51

7:00 $\frac{2}{3}$ tsp warm diet, $\frac{1}{4}$ tsp apple sauce
 $\frac{1}{2}$ tsp banana
2 mealworms

12:00 $\frac{3}{4}$ tsp warm diet
2 mealworms - 1 tsp banana
 $\frac{1}{2}$ tsp apple sauce

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2:00 $\frac{1}{4}$ tsp warm diet + banana
4 mealworms

3:00 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

3:15 Climbed up to top of cage + on to branches
for first time

3:30 wt. 181 2 grams

4:00 ate warm diet on his side

4:30 He could sit but he was still wiggling

9:00 $\frac{3}{4}$ tsp warm diet + $\frac{1}{2}$ tsp banana
5 raisins
1 tsp BANANA
checked on some apple

9:30 $\frac{1}{2}$ tsp warm diet + $\frac{1}{4}$ tsp BANANA

August 30 Day 52

8:30 am 3/4 tsp diet + 1/2 tsp banana
3 raisins

11:20 am 3/4 tsp diet + 1/2 tsp banana

12:50 pm 1/2 tsp diet + 2 tsp banana
1 slice apple
1 1/2 raisins

3:15 pm 1/4 tsp diet + 1/2 tsp banana

4:00 pm 1/4 tsp diet + 1/2 tsp banana (1:1)
5 raisins

4:20 pm wgt 144g

5:50 pm 3/4 tsp diet + 1/2 tsp banana (1:1)
1 raisin

8:00 pm 3/4 tsp diet + banana mixture (1:1)
1 1/2 raisins
1 slice apple

10:00 pm 1 slice banana

10:30 pm 1 slice banana + 1/2 tsp diet
1 raisin

August 31 Day 53

8:00 am 3/4 tsp diet + banana mixture (1:1)
1 tsp orange juice
1/2 piece of apple (small piece)

tries to hold apple bits in hand, but still can
not hold onto them.

10:15 am 1/8 tsp diet + banana mixture (1:1)
4 bits of apple

12:00 pm 1 slice apple
4 meal worms
2 raisins

1:30 pm 2 raisins

3:15 1/2 tsp diet + banana mixture
3/4 of 1 slice of apple (1:1)
2 meal worms

5:15 1/2 tsp diet + banana mixture (1:1)

5:45 1/3 tsp diet + banana mixture (1:1)
1/2 slice of apple

7:15 3/4 tsp diet + banana mixture (1:1)

10:30 pm 1 slice banana + 1/2 tsp diet
1 raisin

September 1977 Day 54

8:30 a.m. 1/3 tsp coffee banana
1 banana

11:10 a.m. 1/2 tsp coffee mix (1:1)
1 banana

2:10 p.m. 1/2 tsp coffee

3:00 p.m. 1/2 tsp coffee

3:45 p.m.

4:45 p.m. 1/2 tsp coffee + 1/2 banana
1 banana

7:15 p.m. 1/2 tsp coffee + 1/2 banana
1 banana

8:30 p.m. 1/2 tsp coffee + 1/2 banana
1 banana

10:45 p.m. 1/2 tsp coffee + 1/2 banana

Sept 1977 Day 55

8:15 a.m. 1 tsp coffee + 1 banana
1 tsp coffee + 1 banana
3 bananas

12:30 p.m. 2/3 tsp coffee + 1 banana

1:30 p.m. 1/2 tsp coffee

3:00 p.m.

2 slices apple

small slice of apple

1:30 p.m. 1/2 tsp coffee + 1 banana
1 banana

2:30 p.m.

3:30 p.m.

4:30 p.m.

5:30 p.m.

September 4, 1977 Day 57

Let's sound the trumpets!

3:15 Eats 3/5 tspn diet alone

1/2 tsp banana

3 mealworms

10:00

1 tsp main diet

1:00

3/4 tsp main diet

1 tsp banana

4 mealworms

1:00

3/4 tsp main diet

1 tsp banana

2:00

Eats piece of locust + 4 mealworms

3:00

1/2 tsp main diet

4 mealworms

5:00

1/2 tsp main diet

1 tsp banana

6:00

101.184 g.

Shaking awareness of tail - Curls & scratches while sitting up.

7:00

1/2 tsp main diet

1/4 banana 4 mealworms

9:00

1/2 tsp main diet

1/2 tsp banana

6 mealworms

5 SEPTEMBER

DAY 58

5:00

1 tsp main diet

Purr is turning into squawks - Trill when

2 tsp banana

angry -

4 1cm x 1cm pieces orange

1 raisin

5 mealworms

Vocalizes during defecation, sits up to urinate;

6:00

1/2 tsp main diet + banana

1 mealworm

7:00

2 mealworms, 1/8 tsp main diet

8:00

3/4 tsp main diet,

1/2 tsp banana.

3:00

wt. 156.5 g.

4:00

Used hands to pick up and manipulate

5:15

3/6 tsp diet w/ 1 tsp banana

2 pieces orange

8 mealworms

6:00

Raisins - 2

7:00

1/2 tsp main diet + banana

8:00

1/2 tsp main diet, banana

8 mealworms

SEPT. 6 DAY 59

8:30 1 tsp OJ,

9:30 3/4 tsp warm diet

1 tsp banana

8 small worms

12:00 3/4 tsp warm diet + banana

8 small worms

2:00 1 tsp warm diet

100 (put in cage)

WT 100

1 tsp diet

Photo'd anal plug in long leaf

7:00 1/2 tsp warm diet

1 tsp banana

8 small worms

100

100

Tail molted in warm diet - several pieces when I was feeding. Head was white, was clear in color. Is starting to shed scales + feet. Insects in warm diet.

9:30 3/4 tsp warm diet

1 tsp banana - 8 small worms

SEPT 7 DAY 60

9:00 1/2 tsp warm diet + banana

1 raisin - which I picked up

+ ate by himself

11 PM 1/2 tsp warm diet + banana

2:00 1/2 tsp warm diet

2 tsp banana

4 raisins

WT. 152.4 g

5:45 10 cc SMA + Sust.

9:00 PM 1/4 tsp chow (w/ banana)

3 raisins

1/2 tsp apple sauce

7.0 cc SMA + Sust.

8 Sept 77 Day 61

0745 Would not eat marm chow
with milk. (Committed to it)
∴ 1/4 tsp applesauce (C. hens)
8.0 cc SMA + Sust.

11-1155 1/2 tsp
small pieces of
wouldn't eat chow
water 155g

1-2 PM - ate @ 1/2 tsp of
marm chow + banana (1:1)
independently in cage.
Very hungry.

3:30 PM 1/4 tsp marm chow + banana
added 8 cc SMA + Sust
to ~~the~~ ~~spoon~~ - take it
easily.

6:15 PM @ 3/4 tsp marm chow + banana
thin slice apple
marm chow for by ~~the~~
to ~~the~~ ~~spoon~~.

9:40 PM 1/2 tsp marm chow + banana
(4:1)

8 cc SMA + Sust.
all the ~~the~~ ~~time~~ ~~was~~
easily ~~the~~ ~~time~~ ~~was~~
but still not ~~the~~
up

Σ 1 1/4 tsp applesauce
24 cc SMA + Sust.

2 tsp marm chow + banana
thin slice apple

9 Sept 77

Day 62

0830 1001 Ate @ 1/4 tsp
chow + banana (4:1)
Fed 6 mealworms
had not ate much at all, had
4 to 5 fecal pellets. Ate 2
fecal pellets + used
feeding strip to force eating.

0945 11f + etc @ 1/2 tsp

1115 11f + etc @ 1/2 tsp
(
1/2 small piece orange
1/4 grape, ~ 1/2 ~~...~~
1/2 apple, 1/2 milk

between 12 & 1 ~~...~~ banana
3 raisins
some raisins

3:00 PM wouldn't eat chow, ate
3 raisins

4:30 PM 167g weight

175
33
1

75
67
50
1

6:30-7:30 PM ~ 1 tsp chow + banana (4:1)
5 mealworms
~~...~~
7 tsp applesauce + 2 drops
afidec
Chow hand fed.

11 PM

ate minimal chow
8cc SMA + Sust

Σ 2.1 tsp chow + banana
6 mealworms
1 1/4 cc SMA + Sust
1/4 grape, 1/2 thin slice quarter
6 raisins apple

10 Sept 77 Day 63

9-11 AM ate 1 tsp chow + banana (4:1)

12:30 PM @ 1/2 tsp chow + banana

1-2 PM @ 1 tsp chow + banana

2:45 PM @ 1/4 tsp chow + banana (4:1)

1/2 thin slice apple - 3 tiny orange pieces
7 mealworms

6 PM 1/2 tsp chow + ban (4:1)
1/2 tsp apple sauce
8 mealworms
8 cc milk

11 PM 3/4 tsp chow + banana (2:1)
feces firm!

Σ = 4.0 tsp chow + banana
1/2 thin slice apple
15 mw 3 orange pieces
8 cc SMA + Sust
1/2 tsp applesauce

Σ = 4 3/4 tsp chow
4 cc orange juice
thin slice apple
5 raisins
8 cc milk
1 tsp apple

11 Sept 77 Day 64

8:30 - 10 AM ate 1/2 tsp warm chow + banana (4:1)
4 cc orange juice

10 AM @ 1/4 tsp chow.

< 12:30 ate another 1/4 tsp chow + banana

< 3 PM finished another 1/4 tsp chow

3:10 PM Fed thin slice orange + apple-cut up + 5 raisins

by 4:25 PM all apple eaten, only part of orange, some raisin.

5:45 - two tiny pieces of raw chicken liver.

< 7 PM @ 1/2 tsp chow + banana (4:1)

9 PM 8 cc milk
1 tsp applesauce

12 Sept 77 Day 65

9AM ~ 2/3 tsp chow + banana (4:1)

0930 Wght 165g after AM feed
+ AM defecation.

< 10:15 2/3 tsp chow + banana
7 mealworms

10:00 Given 1 tbs marmchow + banana (4:1)
by 2:10 PM ate 1/2 tsp.

2:15 Fed 7 thicker ^{pieces} of apple (from
4 thin ^{pieces} pieces
immediately, dipping + eating apple

3:30 1/2 tsp chow + banana given -
still eating seeds

Wght 177.2g

3:45 defecated 3x in rapid
succession, fast pieces
very loose. Anogen rubbing seen.

3:55 Diarrhea - but active + eating -
Swollen finger

Put in cage; began eating
significant quantities of
chow on own.

4:30 PM Finished 1/2 tsp chow
given 1 hour ago.

6 PM Given 1 tbs chow + banana
Fed 3cc SMA + Sust w/
drop abidac

Has not defecated since
4 PM - Swollen finger
(4th or left hand) is broken.

At home, fed + ate two
small pieces of cooked chickens.

Fell asleep after eating +
screaming

Σ 4 1/2 tsp chow
7 mealworms
4 pieces apple
2 small pieces of cooked
chicken

9:45 awake, ate 1 tsp chow
1/2 tsp applesauce
5cc SMA + Sust.

13 Sept 77 Day 66

0900 1 tsp marm chow + banana (4:1)
some hand fed - swollen
Left 4th digit still ~~swollen~~ - feces firm.

1100 Finished 1 tsp chow + banana
fur looking scruffy + oily
wght 179 g

11-1 ate ~ 1/2 tsp chow + banana

2:30 2 crickets
1 mouse sup eaten rump
first: immediately
1/2 slice apple
2 small pieces orange
(Had finished apple by 5:30 PM)

3PM Colonel reintro'd SHH in cage

Ad ♂ comes in as well as
~~the~~ older juv ♂,
latter leaves. whole group
begins mobbing vocs.

Older juv ♂ + father

locked in.

3:10 PM - Inf. hidden in nb in
box. Adult ♂ continuing
to examine cage + Inf.

Juv ♂ on ceiling - long
loud chuck - whole family
by whole family -
Separation?
New Cage?

315 - Colonel out of nb - constant
rasping. Juv ♂ has stayed
away. Several ^{Ad.} ♂ approaches

320 Door opened to all ~~the~~ family
members access.

Ad ♂ stays close to small cage.
Ad ♀ + ♂
enter, +

Ad ♀ + ♀ inf (on back)
remain ~~in~~ opposite cage
from Colonel.

335 Inf off mother in 3rd cage.
Ad ♂ enters cage with
C. with food.

Older juv ♂ Arch. 3 X
Inf back on mother
cage 3.1

345 Under J ♀ + ♂ → enter →
Ad → still in cage but
no approaches

350 Col cage moved to center cage

Ad → appr. 2x.

Ad ♀ looks from Cage #3,

Juv ♂ → "Cage #1,

400 Juv ♂ → hanging around,
and hesitantly appr. Colonel
cage. Ad → cage #1

Juv ♂ → on top of cage.

Other animals attending to him
but not app. Colonel freq.
rumps.

404 Juv ♂ → appr., sniff →
Other inf. still being
carried.

410 PM Removed from SNA.
Ad → attacks + bites
Carol P. as she removes
the cage.

720 PM Fed 1½ tsp chow + banana (4:1)

6 PM Ate @ ½ tsp plain chow

11 PM 1½ tsp chow + banana
(4:1)

6cc SNA + Sust + 1 drop
Abidec.

✓ = 6 tsp chow
6cc SNA + Sust
1 mouse pup
2 crickets
slice ¼ apple

14 Sept 77 Day 67

0900 Given 1 tbs plain marm. chow
Ate small quant.
Wght 176 g.

1215 - ~~Has only eaten @ Marm~~
Ate @ ~~since 9 AM.~~
1 tsp chow

1255 Given 3/4 tbs chow + ban.
(4:1)
Began eating eagerly.
Ate @ 1 tsp

2 PM Taken to SMH with remainder
of food + slice apple,
6 raisins, ^{piece} banana
Ate most of chow, raisins,
apple banana

5:15 Fed 1 tsp plain chow
ate @ 1/2 tsp

6:30 Ate @ 1/2 tsp chow + ban.

9:45 @ 1/2 tsp chow
1 tsp apple sauce
6cc milk + drop Abidec

15 Sept 77 Day 68

0830 @ 1/2 tsp Science diet
0900 @ 1/2 tsp " "
Wght 175 g.

10 00 Taken down to SMH +
placed with 36-38 family
group

Fed only Science Diet

3:30 PM Returned to ORR

Super-8 Film + stills
Hoage Dorsey

Fed ~ 8 mealworm
slice banana | ate
" apple | eagerly
" orange |
(Wght 190g after feed)

9:30 Fed @ 3/4 tbs
marm chow + banana

16 Sept 77 Day 69

0830 Fed pieces of marm chow.
Before feeding
wght 186g.

900 - 1200 In small cage —
in with 36-38 family group.

12 - 3 PM Isolated with
family group

330 PM Fed 6 mms
6 raisin
small piece banana
marm chow
slice apple
slice 1/4 orange

Ate raisins, mw, most apple
banana — ate some
chow beforehand.

Still purring + squeaking
when picked up.

6 PM Fed chow @ 1 tsp chow + banana

11 PM Fed 1 tsp chow + banana
mw

17 Sept 77 Day 70

0930 Fed plain chow. did not
eat much

1230 - 315 At SMH in small
cage with family group
plain chow available

330 PM
wght 183g

(while at SMH infant ♀
examining cage)

18 Sept 77 Day 71

Feeding irregular but given
more fruit as well as shrimp +
crab - Taken to Annapolis.
Ate shrimp + crab eagerly.

19 Sept 77 Day 72

0845 — 11:10 AM Marm chow alone

wght 11 10 AM 189 g

measured by Hoage

1130 AM Intro'd to 36-38 animals
in cage. Calm + quiet,
eating, playful. Other animal
(2 older jms mainly) approach.

415 PM Brought back to ORR.
Fed fruits etc.
Had toothpaste feces during
feed. Still eating feces.

Purrs recorded PM.

430 PM fed banana + chow
mix (1:3)

typically
C. falling asleep @ 7 PM
+ awakening @ 9-10 PM

Observed exhibiting orogen
lateral rub at 21:30 hours

20 Sept 77 Day 73

Marm. awakes + long calls at
0745 — Typically awakes
between 0730-0900 with series of
long calls which turn into rasps.

10 AM Wght 188 g

Fed marm chow till ~ noon

Then marm chow + 1/4 banana
1440 hrs hairless mouse fed
Sec SMA + Sust + drop Abidec

1540 wght - 196 g

5:30 PM Ate @ 8 rasps, slice banana,
1/2 slice orange,
another hairless mouse.

10 15 PM Last feed of day
of chow, 1/4 banana, drop of milk
ate eagerly.

21 Sept 77

Day 74

New behaviors:

- ① Carrying food away from food dish before eating it
- ② Play with orange shag: pouncing rolling on side, while soft squeaks.
- ③ Quietly climbs around in cage in office — only begins begging rasp when other people enter office

0900 Marm chow fed.

After several defecations
wght 189g

Fecal sample taken.

1:30 - 3:15 Introduced to
Ad ♂, Ad ♀, Juv ♀, Inf ♀
in two cages of 36-38.

Fed ^{fruits} while on there

Later fed on mwt,
apple + small amt orange.

22 Sept 77 Day 75

0900 hrs wght 191g

introd to 36-38 (Ad ♂ Ad ♀ Juv ♀ Inf ♀)

between 10:30 AM - 3:15 PM.

~~150~~ Infrequent interactions
except with Inf ♀. Then
mainly nose to nose

Fed 1600 hrs } fruits

Fed 1830 hrs }

Fed 2230 hrs (marm chow + ban)

23 Sept 77 Day 76

0900 192g.

In SMH between
10:30 - 2:30 PM
(with whole family)

24 Sept 77 Day 77

In SMH between
12 - 3:30 PM
(whole family)

25 Sept 77 Day 78

Intro'd to SMH family
0930 hours.

Developmental progress

① Climbing abilities improving
but ability is well behind
sibling ♀ in 36-38.

Cannot jump long distances
or use diagonal smooth
thick branches.

② Still purring and squeaking
when picked up.

③ Social behavior:

Little interaction with
family. ~~But~~ Sibling ♀
occasionally approaches.

Still eating feces.

26 Sept 77 Day 79
Left at SMH between 0800-1730
hrs.
Little interaction with
family group.

Wght 5:30 PM - 199g

27 Sept - Day 80
In SMH from 9-5
Wght 5:30 PM 197g

28 Sept Day 81

In SMH from 9-5:30.

Note alarm chirps towards
flying birds + dogs.

~~27~~ 29, 30 Sept Day 82-83
In SMH 8-530 PM
Still eating shit

1 October 77 Day 84

Wght 1300 hrs

196 grams

(Kept home + in office)

2nd - 3rd - 4th Oct 77 Days 85-87
In SMH day; at home at night.

5th 6th Oct - DOK out of town 88-89

7th October 77 Day 90

0900 210 g.

12 Oct 77 0830 207 g. Day 91

13 Oct 77 Wght 196 g.

after showing fed 2 mice + some raw steak - Repeated profusely.

16 Oct 77 Day 99

Fed cooked chicken which he liked.

When put in SMH, was approached and had his tail groomed by one triplet. An older J approached + sniffed.

Colonel can now climb to top of branches.

19 Oct 77 Day 102

Left overnight in SMH. Spending time in central cage nbs.

20 Oct 77

Wght 11:45 AM
224 g.

Left overnight.

Left overnight hereafter
Initially sleeping in
center nestbox and goes
to center nestbox when keeper
or person enters behind
lines, and rasps.

by 25 Oct 77

Appears to be interacting with
animals in 36-38 more.
Twin seen nursing on
21 Oct 77.

26 Oct 77 Wght 222 gm 11:30 AM
Groomed + cleaned.

31 Oct 77 222 g 8:30 AM
Appears cleaner, more active,
Improved coordination on
branches.

7 Nov 77 229 g 8:30 AM

14 Nov 77

Wght 11:30 AM (after
AM feeding)

267 g

Looks fat, little feces
accumulation on face (?)
Coat a bit scruffy as
usual.

23 Nov 77

8:30 AM

292 g

Still fat, clean, coat
a little scruffy. Was
observed being groomed
by older juv. →

30 Nov 77

9:30 AM

293 g

5 Dec 0825 AM 297g

15 Dec 0825 AM 308g
158 days - 22½ weeks

28 XI 0900 AM
330 gm.
171 days
23

30 I 78 0900 AM

373g
204 days

8 II 78 388 grams 213 days

24 II 78 397 gms
still furs when picked
up. 229 days

21 III 78 428 gm - squeaked and
purred when picked up

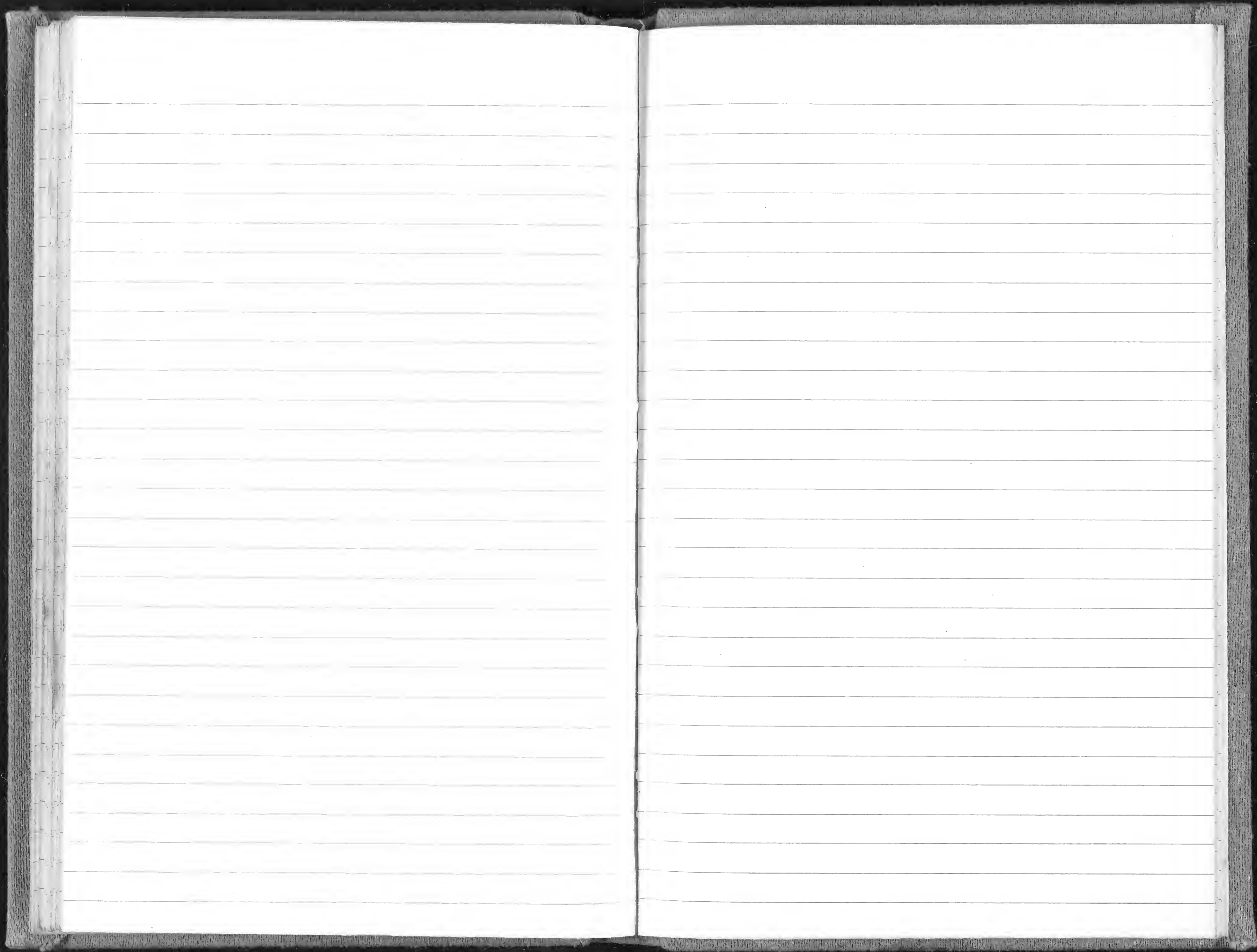
21 III Has been observed with infant
on back once for a few seconds.
Still lacks adequate motor
coordination.

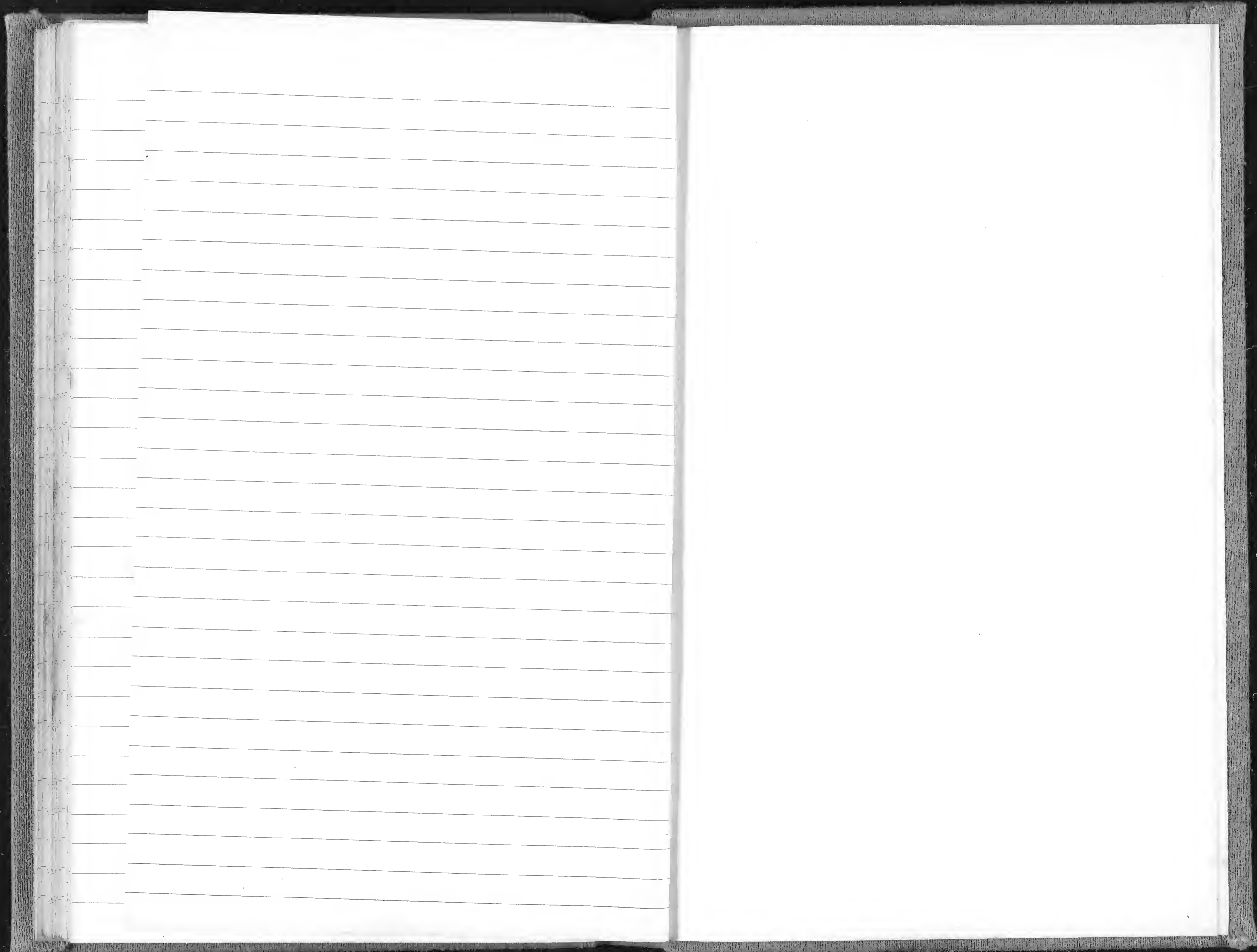
24 IV ~~439g~~ 439g
still squeaked when picked up.

9 VI 78
471 gms

6 VII 491 gms

13 IX 537 gm





4cc cereal + 2 cc milk + 2cc milk

2.5cc cereal

1.5 cc milk
2.7 " "

12.2
12.8
25.0
2.0

8.00 cc
6.8
5.5
5
7.1
2 5.8
30.2

10 July - 15 Dec
22 22
31
30 7/158
31 14
30 18
14 14
9.5 4
10.4
19.9
29.8

4.7

1.6cc

3.0 cc cereal
4.0 " milk

4	15	32.5
3	26	31.6
	27	33.3
	28	35.7
	29	33.4
	30	34.5
	31	38.8
	32	37.9
	33	39.3
	34	35.3
	35	44.1
	36	37.6

1/3
1 1/2
1 1/2
1/4
4 1/2 tsp.
chow.

