

[1]

P.O. Box 16.

Telephone 51.

General Garages Zoutpansberg Co. (Pty.) Ltd.

LOUIS TRICHARDT, 758

2825

193...

RECEIVED from *A. Marivate*

the sum of *one* Pounds

Shillings Pence

£ : *one*

WITH THANKS

General Garages Zoutpansberg Co. (Pty.) Ltd.

Per *[Signature]*



WATER-GENERAL does not undertake to
or has been lost or destroyed,
application respecting an order which
ster-Generaal kan geen aansoek ten
order wat verkeerd is, in die
ig is, in die
on word.

[1. 3. 4]

[9]

D. C. Marivate
Waldezia 17/3/38

"When the moral endeavour
slackens, then an epoch ends,
a civilisation goes to pieces, and
men, subsiding once more to
level essentially animal, carry
out their task of mutual
self-destruction."

Quiet time 17/3/38

Rev. Cuemod leads.

1. Surrender daily + Jesus takes the lead.
2. Thrown up for a period + then fall down. That was my fear.
3. Relationship with God.
4. Lack of sharing blocks the way of message from God.
5. Masana.

[3]

6. How best I can help the
Scholars.

7. We must defeat ourselves
& nobody shall defeat us.

8. Selfishness for own wish &
will. Quiet time as an occasion
for own will.

Read Job for material success
& material loss.

Jesus the righteous was
crucified.

Little is much when God is in it.
Come together more often.

Quiet time with [4]

Frank & Gret. 18/3/38.

At 6.30 a.m.

1. Spiritual help to scholars.
2. Mistrust of other teachers.
3. Frank & how I took it.
4. Mistrust of slow exchange.
5. School is not the right place
for quiet time.

Quiet time (morning) 20/3/38

1. Recount your blessings of yesterday.
2. Read to pupils the word of God.
3. Have a problem that you want
solved or discussed & wait
upon Jesus to advise.
4. Pray for the sick.
5. Masama Question.
6. Leave the problem of the car to Jesus.
7. Parents living in semi-starvation.
8. Problems are hard when there is only

[5]

9. We should meet freely + never have fast + hard rules.
10. My Scout Book from Makaha.

23/3/38

1. You did not do absolutely the will of God.
2. Try today.
3. Our sharing should be unreserved.
4. School & Scholars suffer because of singing.

24/3/38

1. The question of girls.
2. absolute sharing.
3. Rev Bouquin relation with me.
4. Pray for the sister.

Quit with 3 teachers and 3 girls. 25/3/38. [6]

1. Frank must know that I have been selfish.
2. Tell about what I thought of Ella.
3. I came late + did not explain my wife +
4. Should continue these girls with Miss Inyapuli.
5. Absolute honesty.
" purity.
" unselfishness.
" love.
6. We need to surrender.

d: t | t: f. d' | t: l | s: m | d: m | r. f. m. r

s. d: h. t | d: - | - : - m | r: t: s, | - #
| s: - | s | s: | s: - . s

m. d: s,
s :

Joint Council Meeting
1st April 1938.

Eisteddfod 29th April at 9.30^a

1. Chorus first
2. Quartets duets solos etc
3. Friday 30th April we shall finish up.
4. There may not be the show this year. The matter will go to the Joint Council.

4. This year it cannot be possible for chief manntwa to bring the people.

5. Eisteddfod will be held in the church at Elin people will have to pay 3^d

Judges: Canon Woodfield, Mrs Injey, Miss Godfrey, Mrs McGowan, Mr Injey, Mrs Henning, Mr Davis, Hofmeyr (malikwa) Seldentines.

Diphtheria broke out in Pieterburg & the children have to be fetched home.

Original Composition
50 time
20 words
40 actual singing & suitability

Next time Original Composition
(unwritten may be had)

Original compositions to be
sent 2 weeks before the
20th April.

Mrs Maphophe wants Frank
to come for her on Tuesday

Quiet time 30th March 1938

1. My body is temple of God.
2. I have been responsible for the lateness of holding quiet time this week.
3. I must approach Maphophe.
4. God has revealed to us the sins that trouble our school.

5. Put God constantly into your mind and before you act or say anything.

Quiet time 31st March 1938.

1. The real material difficulties that I have must be given to the Lord & wait upon him.
2. I sometimes hear the advice of Jesus but refuse to obey.
3. I feel we should follow those boys & girls & organize a quiet time with those that wish to.
4. There has been a misunderstanding between some of my teachers I must enquire.

Quiet Time 1st April 1934

1 To get into sin is to get into an everlasting trouble or a doorless house.

2. Masanae

next ft Council 2nd Friday in June.

m:m:m:r:d:-:f|m:-:i:-

d,i,m,s,l,d,b,i,l,t | s,d,i,s,m,d,i-

r:r:d|t,s:-:f|m:-:i:-:m:m:m

s:-:i:-:d,d,i,s,l,d:-:a,d,i,m,s

r:d:-:f|m:-:i:-:m:r:d|r:d:-:b

d,b,t,f | s,d,i,s,a,d,i- | -s,i,l,s,i,l,s,-:s

| : | 1 | i d | d i - 1 - i d | t' - 1 - : d
| : | : | : | s.l.f.e.s, - - - | s.s,i.f.e.s, - - -
| : | : | m | m - - - | m - - -
| : | : | s | s - - - | s - - -

| d:-:i:-:d | t:-:i:-:m | f.s.i.f.e.s|-:s
s.l.f.e.s, - - - | s.s.f.e.s, - - - | f.m.r.m,-:m
m - - - | m - - - | d,d,d,d,d,-:d
s:-:i:-:s | s:-:i:-:s | s.d.d.i.r.m,-:d

| s.f:m.fl:-:m | m.r:d.r|-:t
m.r.d.e.ti - d | a.b.k.k.l - d
t,t,l,l,l,-:d | r.r.r.r,-:f
r.r.m.f,-:s | s.s.s.s,-:s

| d:-:i:-:
s,-:i:-:
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[13]

Morning Quiet.

5/4/38.

1. about my car & how things are proceeding.
2. Suspicion against Rev Benjamin & the way school fees is spent.
3. Shandales case.
4. I should give more individual attention to scholars.
5. Thank God that wife & children are better.
6. Mr Law's question.

[14]

Morning Quiet.

6/4/38

1. Speak well of everybody ^{but not}.
2. Immorality weakens faith.
3. Think pure thoughts.
4. Encourage every scholar.
5. Work earnestly.
6. Be cheerful every day.
7. Answer letters today.
8. Write to Mtebulere re your arrival to Putebulu on Saturday.
9. Write to the Good's people.

[15]

Morning Quiet 7/4/38

1. Yesterday I have been able to write the letters.
2. I must keep my heart pure + good.
3. God controlled life is a perfect life.

S.S. l.l.l | - .s | | S.S. S.E.L.P. .S.S.
 lne rirandwa
 | .m: r. d | t
 | S.S. l.l.l | - .s: | | 55
 | .P: f. S | f: | - .P: M. r. d
 | e.l.l | - .s: | -
 | S: - l - .m: r. d |

[16]

Used Government warrant to go to Bethesda for Malaric course; - long 3rd train 2nd class

9/4/38 ^{return} left home at 6 a.m. Took lorry at Borchers st 8 a.m.

- 2 asked varman to give my wife 1 bag medicine @ 15/- a bag.
3. L. J. J. Bought Beef 6d
 " " Bread 5d
 " " Oranges 3d
 Borchers I gave celestia 2/- to buy sweet potato seeds. 4/- left
- 4 L. J. J. I took £2 from bank.
5. I was with Kobe, Kamudi, Raboathatha + Motsila. 2nd class to Pieterburg from L. J. J. Gov ticket 6712. Price £1. 3/- return. I did not pay this.

f	f	f	f	m	s	s	m	m
e	e	e	e	r	d	d	d	d
				s	s	s	s	s

		m	s	s	r	r			m	s	s
		d	d	d	d	d			d	d	d
		s	s	s	s	s			s	s	s

d	d			f	f	f	f			m
		ta		r	r	r	r			r
r	d	d	d	s	f	f	f	s	s	s

s	s	m	m			m	s	s	r	r
a	a	a	d			d	d	d	d	d
s	s	s	s			s	f	f	f	f

		m	d							
		f	s							
		s	d							

I left Preterbury on
 11th April 1938 at 11.50 a.m.
 reaching Bethesda at 12.10 on 12.50

10/4/38	Deposit for car	£5 0 0
"	Petrol 3 gal	5-8
"	oil	2-0
9/4/38	car make	1-6
11/4/38	Petrol 4 gal	7-6
"	oil	2-0
"	Cigarette	1-0
"	Tonic	3-0
"	Tooth extraction	5-0
"	Aspirine	1-0
income	By Rubelwater 2 6 ^a	6-8-8

[19] Bethesda 11/4/38

meeting @ 3. p.m.

1 Mr Binks speaks in Afrikaans

We could not understand

2. Mr Spornik speaks in English
It is the intention of the
department to hold these
courses every year.

The school does little in the
line of Health + agriculture.

Certificates will be issued.

There is no European teacher

who can get Principals post in N. Transvaal.

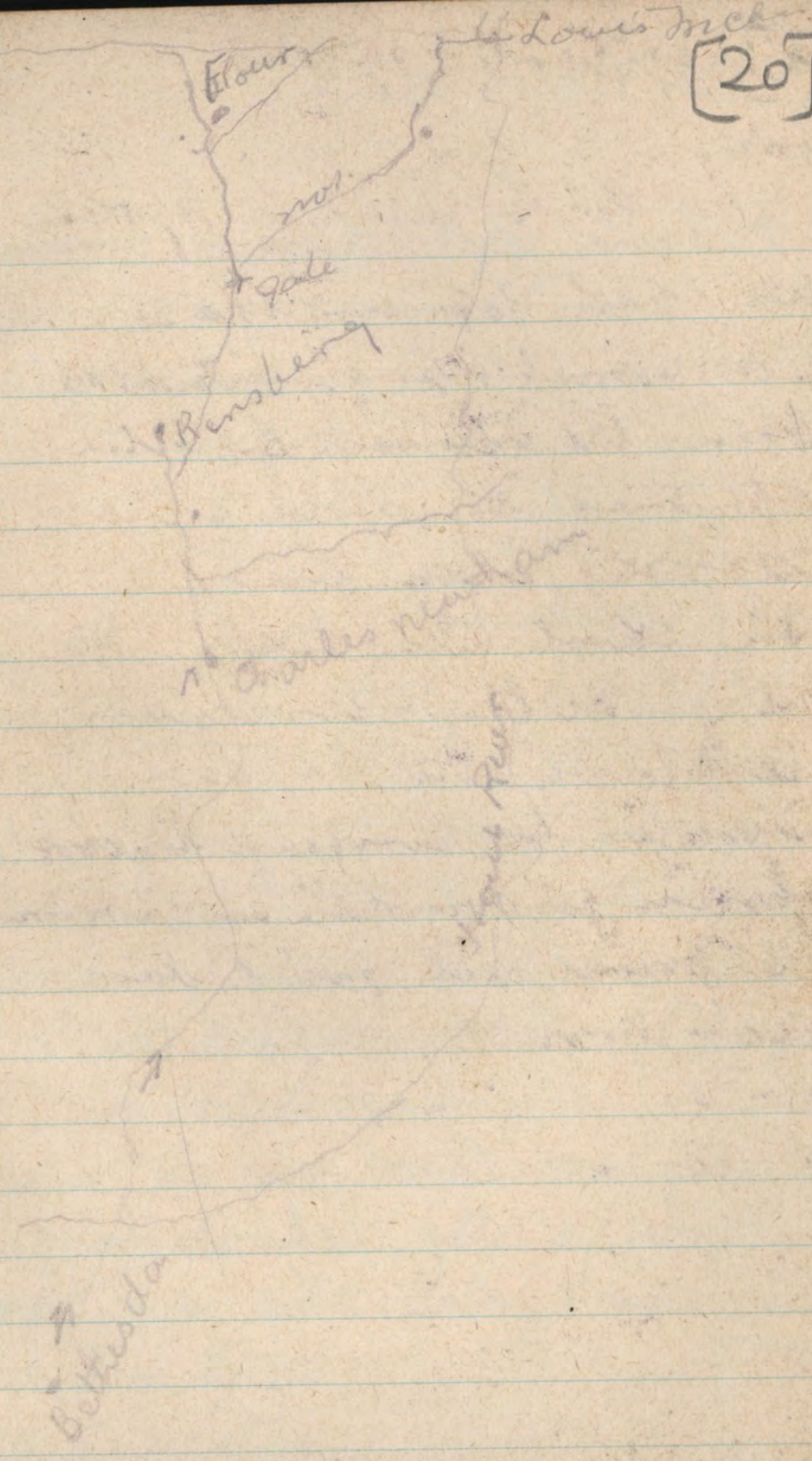
if he has not the malaria certificate,
B. Jackson will give lectures

8.30 - 12.30

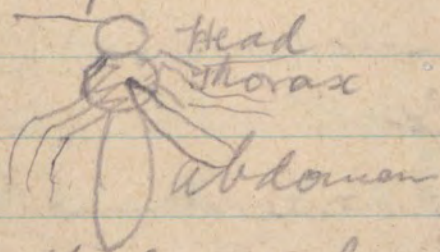
2 - 5

6 - 11

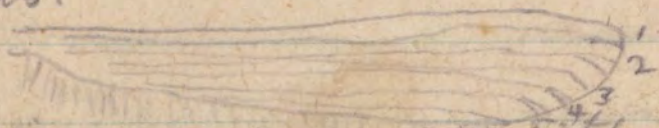
[20]



- 1 Malaria is a disease carried from person to person by a mosquito.
2. A mosquito is an insect whose body is divided into 3 parts



- 3 It has 6 legs, 3 on each side of the thorax.
- 4 It has two wings, one joined on each side of the thorax.
- 5 Its mouth is called proboscis
6. Its proboscis shall be as long as the head & the thorax combined.
7. It has a wing which only a mosquito has. This wing has 6 veins.



The veins are covered with scales (hairs)

- hairs)
- 1 vein single
 - 2 branched
 - 3 single.
 - 4 branched
 - 5 branched
 - 6 single

on the bottom of the wing we have a fringe of hairs.

all Mosquitoes do not carry malaria. The Mosquitoes are divided into two big families.

1. Culex over 100 sorts in England
2. Anopheles. 25 " "

Culex do not carry malaria & out of the 25 sorts of Anopheles only two sorts carry malaria.

- 1A. Gambiae
- 2A. Funestus

Adults.

The difference between the culex & the anopheles

1 wings: the culex has plain wings

The Anopheles has black & white spotted wings.

2. Sitting position.

Adults



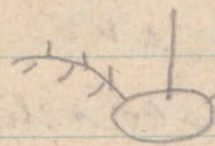
1. The culex sits // to the object on which it sits

2. The anopheles sits at an angle away from the object on which it sits but on a straight line it does not twist itself.



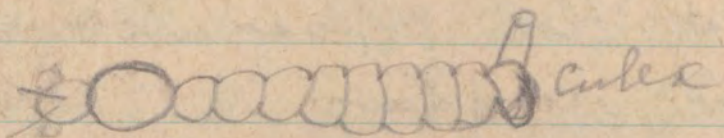
Difference between male & female Mosquito

antenna of the female is lightly feathered

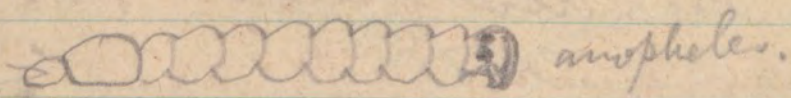


The antennae of the male has plenty of feathers or heavily feathered

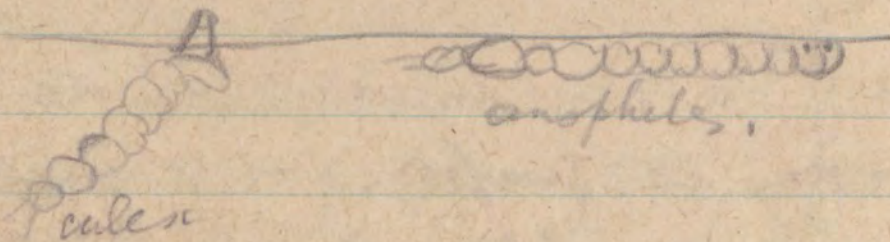
The larva is the same as the adult in that it has the head thorax & abdomen.



1 the Culex larva breathes through a tube on its last segment or the anal segment.



2 the Anopheles larva breathes through two holes on its anal segment.



Spiracles are the breathing holes at the back of the larva.

- 1 The culex larvae hangs at an angle beneath the surface of the water.
- 2 The Anopheles larvae rests // beneath the surface of the water.

The development of the mosquito.

1 st stage	Egg	→ 3
2 nd	larva	2-3 days
3 rd	„ pupa	3-5 days
4	„ Adult	3-6 „

pupae (plural)

from egg to larva 2-3 days
 larva to pupa 3-5 days
 pupa - adult 3-6 days
 total 8-14

depends on the temperature of summer.

[27] The two Anopheles
mosquito which carry malaria

in S.A.
anopheles
1A. "Gambiae" or costalis = grey legs
2A. "Funestus" = black

1A.
The Gambiae mosquito breeds
in open puddles, small pools,
hoof marks of cattle, motor-car
or wagon tracks, boot marks,
rock-pools, little pools in the
grain-leads. These must be
free from vegetation (no grass
or weeds) exposed fully to
the sunlight. That is the
breeding place of a Gambiae.
It is known as a puddle breeder.

2A. Funestus: breeds in streams
& running water whose edges are
thickly grown with vegetation.
It breeds in this vegetation at

[28]

the edge of the stream &
does not breed in stagnant
water such as that ^{which} the
Gambiae breeds in.

1 One wants standing with
sunshine no vegetation
2 The other wants running
water with vegetation, no
sunshine.

Funestus is known as a
stream breeder.

Entomology = the insect part of the
lesson.

The Stations for the
Empire because of fever. The
Soldiers live in the swamps.
It is only the female that
does the damage for she sucks
the blood to fertilize the eggs.

The male sucks juice from plants.

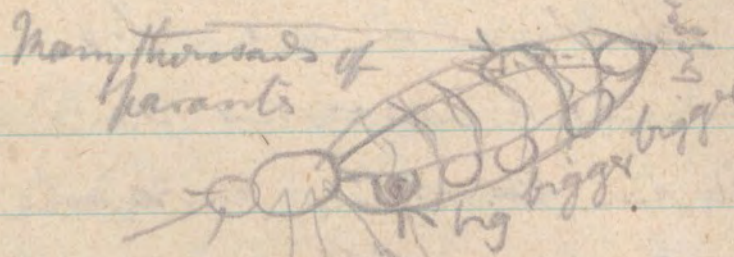
A mosquito may fly any distance up to 5 miles. But it will not fly great distances if it can get its blood near its breeding place.

The malaria-carrying mosquito bites a person suffering from malaria & swallows some malaria parasite.

These parasites pass through a stage of development in the stomach of the mosquito. Then after 10 to 14 days, the mosquito is capable of infecting human beings. It will take 8 to 10 days after the infected mosquito has

bitten a person for that person to go down with the disease.

Parasite in mosquito.



Cyst or blister under the stomach containing malaria parasite only, parasite

After the cyst has developed it bursts & the parasites go all over the body of the mosquito until some germs go into the Salivary glands of the mosquito

& injects the parasite into
 a human being. When she
 drinks the blood she
 pushes the proboscis into
 the skin & then she spits
 out the saliva to make
 the blood thin so as to
 be able to swallow the
 blood which is no more
 thick.

Parasite in man.

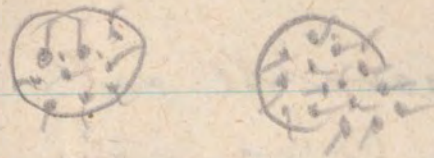
④



Protoplasm = the thread
 Chromatin = the ~~dot~~ life
 or the nucleus

about
26

The blood cell has about 26
 daughter parasites in the red
 corpuscle.

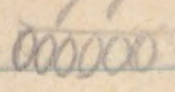


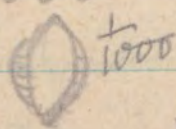
When your body gets very
 warm it is when all the
 blood cells are ready
 to burst & when they
 all burst you feel very
 cold at once. It takes
 24 hours from the
 nucleus to the bursting
 stage.


If the parasites get into
 the brain the patient
 dies.

Eggs. We go out collecting larvae

12/4/38

1. Culex. The culex lays its eggs on the end of a stem & it lays them many standing together 100 to 120 eggs for 6-10 days  $\frac{1}{8}$ inch i.e. every 6 to 10 days she deposits another lot of eggs.

2. The anopheline lays eggs singly & the eggs lie flat on the water & are kept above water by little floats  $\frac{1}{1000}$ inch.

 (very small)
She also lays 100 to 120 eggs every 6 to 10 days. They can be seen in rock pools of clear water.

The germs stay in the Salivary glands of the mosquito & then pass on to a person who it bites him.

Mosquitoes are not born infected, all mosquitoes are born free & clean from disease. They are only infected when they suck the blood from a sick person. It takes 14 days ~~ago~~ for that cause Mosquito to inject the disease ~~after~~ it has bitten a sick person.

An adult mosquito is born full grown there is no young or old mosquito. Most of them die when the winter come.

The mosquito is attracted by smell & not by sight. The mosquito does not see very well. The mosquito likes the babies.

[35] better than bigger people because the skin of the baby is softer than that of the adult & the skin of the woman is softer than that of the man.

Treatment.

No medicine can prevent malaria. Quinine is very good but it should be taken dissolved in water. 25 tablets of quinine ground them into powder, put it into whiskey bottle size & fill that with water. This mixture is enough for 4 days & to cure a person he must take two bottles of the mixture.

For an adult person it takes 3 table spoons each time, 3 times a day for 8 days.

5 lbs. 2 spoon 1 Pkt to 1 pint water - good effects.

If the patient is awake in the night you can [36] give him 3 table spoons but if he is not awake leave him. Adult we mean a person of over 14 years. Under 14 & over 6 he has 2 table spoons 3 times a day & if he is awake at night I give him another 2. & under 6 from 1 year up to 6 yrs give 1 table spoonful 3 times a day. The baby may have less but the big dose as above will not injure the baby.

Before you start with your quinine, clean the stomach because the quinine will not act well with a dirty stomach.

[37]

Use epsom salts. 1 pkt
to $\frac{1}{2}$ cup of warm water for
adults. Then during the
course of illness the patient
should have a teaspoonful
every 3 days in $\frac{1}{2}$ cup of
warm water.

If the patient vomits much
give a little bicarbonate
of ~~water~~ soda, just a
pinch into $\frac{1}{2}$ tumbler
of water. If the patient
vomits Quinine give him
more Quinine.

The patient must remain
in bed, eating light
food no meat no
meat he sup except milk
& light porp. Not
heavy foods.

After the course
of treatment & the

[38]

patient is better
patient should eat nourishing
foods. - Eggs, chicken meals
& something to build
up the body.

Quinine & Epsom salts
are supplied free by
Commissioners Magistrates
& if you cannot get it
write to our Office.
The Medical Inspector,
Box 53,

Tzaneen.

For further information do
not be afraid to write
to us.

If the person gets ill
again ^{relapses}, repeat the
treatment.

If you are doubtful take blood
slides & send them to us
D.H.M.S. Write name of patient.

[39] This treatment is done where there is no doctor & no nurse.

If the doctor refuses, give the suffering people the advice how to cure themselves.

How to take slide

Squeeze finger.

dry it up.

stick a needle

& take the blood

two drops on the glass

then spread the blood

with the needle

let it dry & wrap it with paper.

Smallest children wrap the particle of ^{quinine} ~~powder~~ with porridge & let mother give her to suck.

The culicines may breed in

hollow trees & in skins of [40] Marula but the Anopheles breeds only in water.

The natives that have malaria are not as strong as those natives that have no malaria & a man with malaria easily catches any other disease.

Jaekh @ 2/6 is an instrument to spray
Gov. Price. Shags 7/6
Inco pump @ 2/10-

Pyagra
Spray the hut with pyagra
Close the door & remain outside for some minutes then go in.

1 gal of paraffin to 8 oz of Pyagra
Smear yourself well with oil of citronella

[41] As a head teacher you must
be of use to the Community
where you live.

Lead the people. Be the
light to the poor people
around you.

A man must serve his people
& his nation. It is a great
honour.

I must do good for the people.

If you want pumps & pyagra
write to Izancon.

By Mr. Pieterse.

Larvacides are oils to
kill larvae.

Casis green is a powder
applied on surface of water
to kill larvae.

[42]
Anopheles do not breed
in tins, bottles, cement
dams etc. It does not breed
in gutters & not in tanks
& not in tree trunks.

There are two sorts of malaria
parasite.

1. The one that gives a person
very hot feeling.

The Asexual. This is
the one that give bad
dose of malaria.



the asexual parasite.

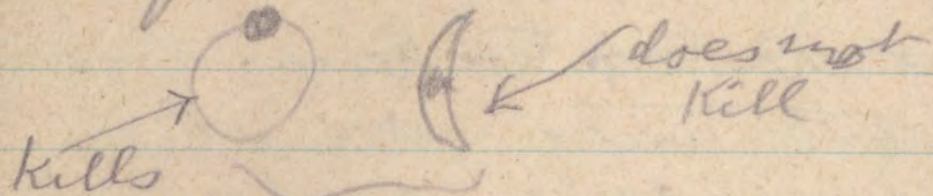
2. The Sexual parasite, called
the half-moon.



This sexual parasite does
not give you the fever. That
is merely in blood to infect the
mosquito. It is developed after 10 days.

[43]

The sexual parasite
is the one that comes
from man + create
the parasite in the
mosquito



These are
all in your stomach + blood
but the sexual parasite

○ does not form parasites
in mosquitoes

☾ forms parasite in
mosquito if swallowed. The sexual
element is not formed after 10 days illness
in the body.

Asexual = no sex give for

sexual = with sex give mosquito

the parasite after male
+ female have met in mosquito

○ in the mosquito

○ in the person they
can + form a ring

Prevention

[44]

for a hut, spray costs
Gov 1/4³/₄ a Bty but the
Gov. sells it @ 6d

If you try the pump you
get the pyaagra free.

1 bottle be much for nothing

1 Cup full of pyaagra
poured into the spray
works 5 huts.

The horn is the enigma for
ejecting from the back.

This is a campaign
to stamp out malaria
among the blacks +
it is not for personal
pride but all must
work to make the
area healthy for the
black + the white.