

Drawings: M. Aouamri.
Design: Docteurs J. Jannin & P. Cattand.
World Health Organization
Divsion of Control of Neglected Tropical Diseases (NTD)
Human African Trypanosomiasis Programme.





© World Health Organization 2009

All rights reserved.

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

SLEEPING SICKNESS

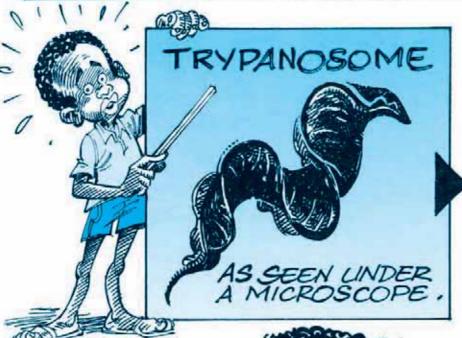
HUMAN AFRICAN TRYPANOSOMIASIS





MHAT'S SUCCENCES SICKNESSE

THE CORRECT NAME OF THE DISEASE SLEEPING SICKNESS IS A LITTLE DIF-FICULT: IT IS "HUMAN AFRICAN TRY-PANOSOMIASIS", BUT SLEEPING SICKNESS IS MUCH EASIER TO REMEMBER,



A VERY SERIOUS

DISEASE CAUSED BY
A PARASITE CALLED:
TRYPANOSOME! IT IS A VERY
SMALL ORGANISM WHICH
MULTIPLIES IN YOUR BODY,
THE TRYPANOSOME
DESTROYS THE BRAIN CELLS
AND A SICK PERSON
WILL EVENTUALLY
DIE.

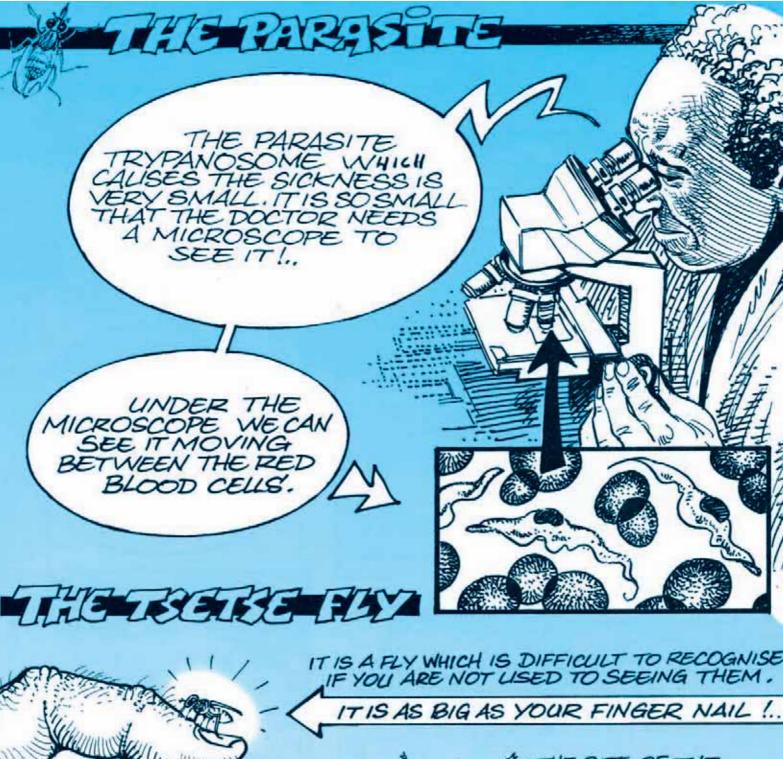


FLY PICKS UP THE PARASITE WHEN IT DRINKS THE BLOOD OF A PERSON WHO IS ALREADY SICK.

TE PARASITE IS

THE PARASITE IS INJECTED INTO THE BLOOD OF A HUMAN BY A TSETSE FLY, SO WHY DO WE CALL IT "?

MANY YEARS AGO IT WAS NOTICED THAT SICK PEOPLE OFTEN SLEPT FOR MANY HOURS DURING THE DAY. THOSE PEOPLE WHO WERE REALLY SICK WERE SO WEAK THAT THEY APPEARED TO BE SLEEPING ALL THE TIME, AND THAT IS WHY WE CALL IT "SLEEPING SICKNESS".



IT IS A FLY WHICH IS DIFFICULT TO RECOGNISE

HAS WINGS WHICH CROSS OVER ON ITS BACK WHEN IT IS RES FOR BITING.

WHICH IT USES TO PIERCE THE SKIN OF A PERSON OR ANIMAL TO DRINK ITS BLOOD AS FOOD ... IF THE PERSON OR ANIMAL

IS SICK THE BLOOD DRUNK WILL ALSO CONTAIN THE PARASITE WHICH TRANSMITS THE SLEEPING SICKNESS,

THE BITE OF THE TSETSE FLY CAN BE VERY PAINFUL, AND THE SKIN AROUND THE BITE BECOMES RED A FEW DAYS AFTERWARDS,

THE FLY PREFERS TO SUCK BLOOD FROM ANIMALS, BUT IF THERE! ARE NO ANIMALS IN THE AREA, THE FLY WILL BITE A HUMAN BEING.

TOW DOES ONE FAW SICKS

FOR A LONG TIME AFTER THE BITE, THE PERSON WILL FEEL ALRIGHT EVEN THOUGH HE IS ALREADY SICK,





SOMETIMES HE WILL GET A HIGH FEVER OR HAVE A VERY BAD HEADACHE

VERY OFTEN A SWELLING WILL APPEAR AT THE BOTTOM OF HIS NECK, IT FEELS LIKE A LITTLE BALL UNDERNEATH THE SKIN,



SOMETIMES THE PERSON'S FACE BECOMES REALLY PUFFY



AFTER SOME TIME, THE PERSON BECOMES VERY SICK ...



AND IS OFTEN SEEN TO BE SLEEPING DURING THE DAY.



OR EATING VERY LITTLE AND BECOMING VERY THIN.

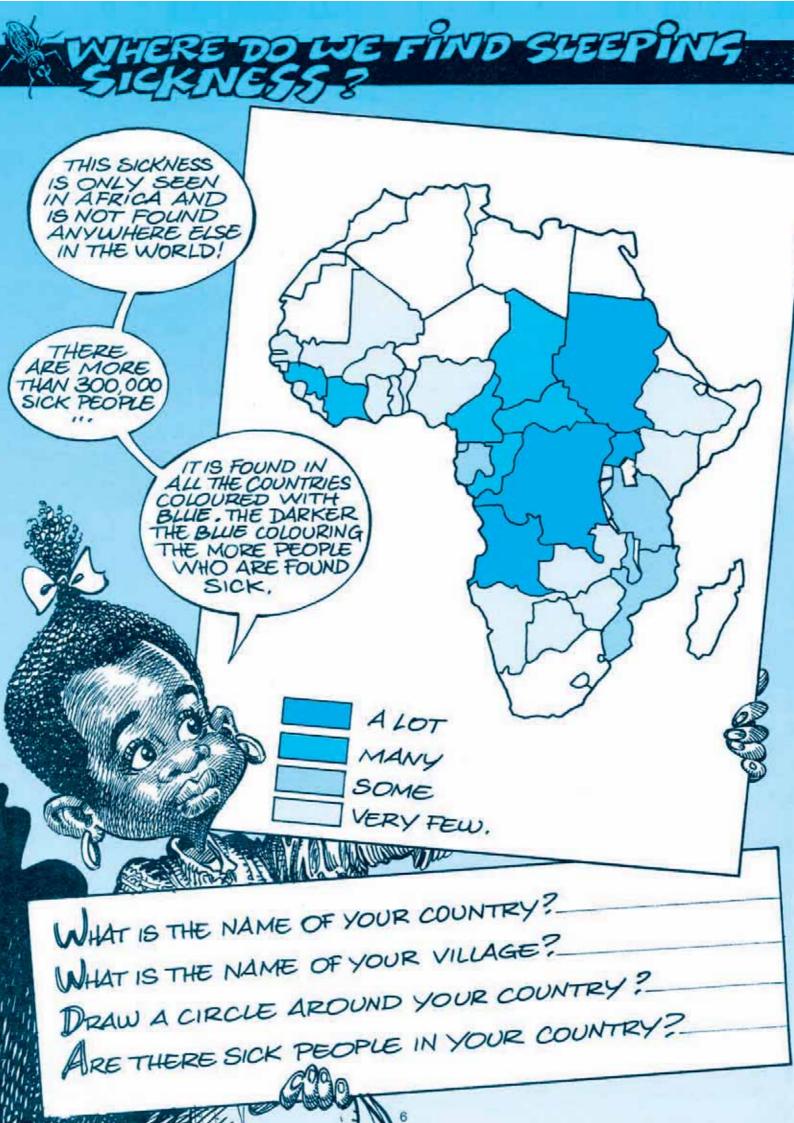


OR BEHAVING LIKE A MAD PERSON,



THE SICK PERSON BECOMES VERY WEAK AND TIRED AND IF NOT TREATED





GOW IS THE SICKNESS PASSED EROM ELY TO HUMAN







WHILE SUCKING THE BLOOD, THE FLY SWALLOWS THE PARASITES.







IT THEN BITES A PERSON WHO IS HEALTHY



AND INJECTS THE PARASITES INTO HIS BLOOD.

THIS PERSON BECOMES SICK.





ANOTHER FLY BITES HIM ... IT DRINKS THE BLOOD ...

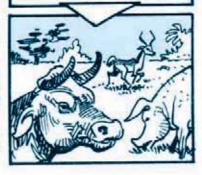
PARASITES AND THEN...





GOES ON TO BITE ANOTHER

THE FLY
ALSO BITES
ANIMALS
WHICH FALL
SICK AND
PASS ON THE
DISEASE ...

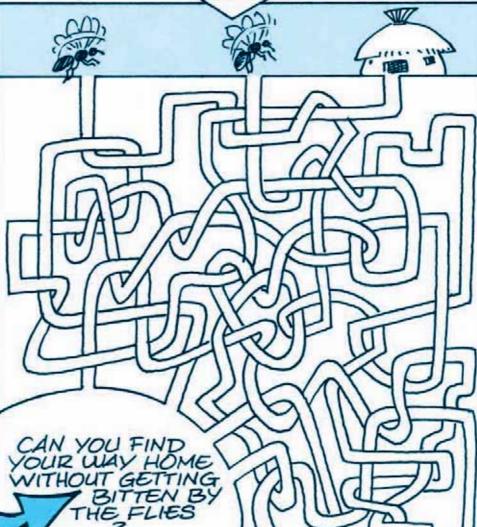


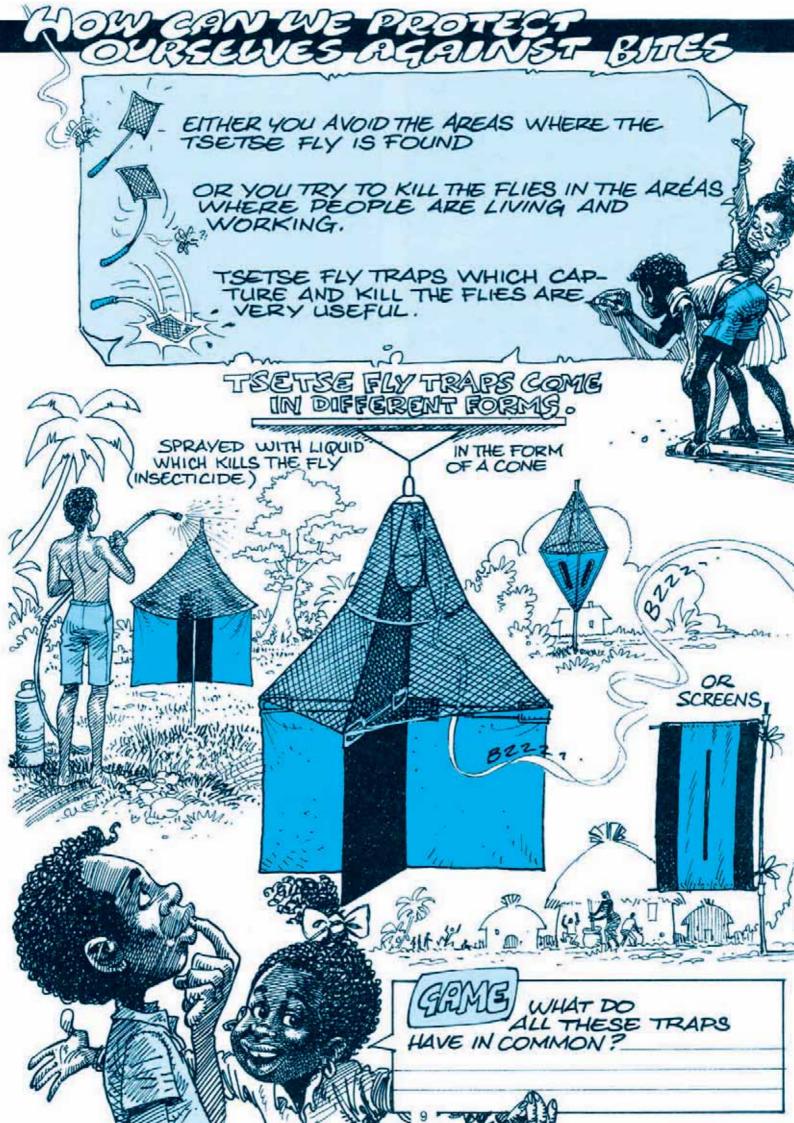
WHERE IS THE FLY TO BE FOUND?











TSETSE TRAPS...









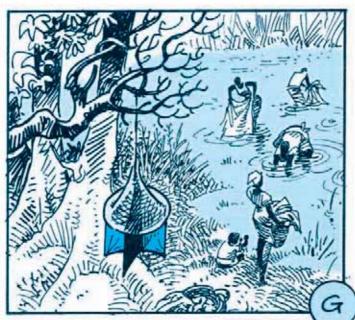




TSETSE TRAPS...









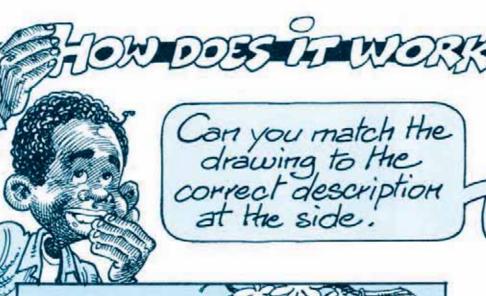
LOOK AT THESE PICTURES AND THEN WRITE IN THE BOX THE LETTER WHICH CORRESPONDS WITH THE DESCRIPTION OF THE VILLAGE ACTIVITY.

- 1) WASHING CLOTHES AT THE SIDE OF THE RIVER, 2) PULLING UP WATER FROM THE WELL
- 3) CUTTING DOWN THE UNDERGROWTH AROUND A TRAP,
- 1 WASHING IN THE RIVER
- 5 CENTRE OF THE VILLAGE
- 6 WORKING IN THE PLANTATION
- 3) RETURNING TO THE VILLAGE OVER THE BRIDGE
- 8) PIGS EATING OUTSIDE THE VILLAGE.
- O COLLECTING FRUITS
- (1) RETURNING FROM WORK ALONG THE VILLAGE PATH.

HOW MANY FLY TRAPS AND SCREENS CAN YOU FIND?

> HOW MANY DIFFERENT WAYS TO HANG UP A FLY TRAP?

CAN YOU COLOUR THE DRAWINGS?













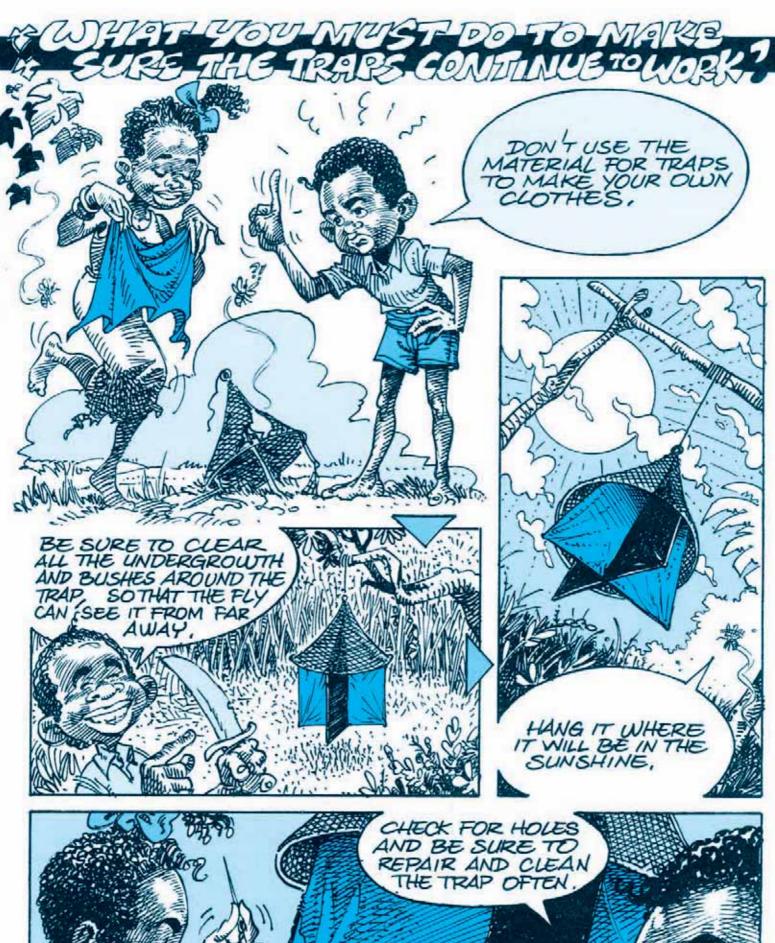


IT THEN FLIES
TOWARDS THE TOP
OF THE TRAP AS IT
DOESN'T KNOW
HOW TO FLY IN
OTHER DIRECTIONS,

AS THE FLY LIKES DARK COLOURS, IT SITS ON THE BLACK PART OF THE TRAP.

AND DIES.

THE TSETSE FLY IS ATTRACTED TO THE COLOUR BLUE, WHICH IT CAN SEE FROM FAR AWAY.

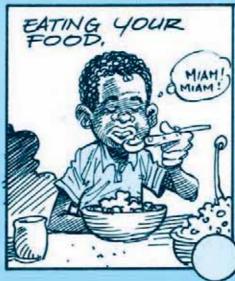


True or False, mark à Tor Fin the circle in the corner of each picture ...

ckness z

DW CON YOU CATALI SUBBINIX



















WORDS OF ADVICE TO LIEUP YOU LOOK AVETER YOUR HISAUTIU AND PROPER IN WOUR WIEWIGE.















IF YOU WANT TO CHECK THE ANSWERS HERE ARE THE SOLUTIONS ...



Page 9: all the traps are in two colours: blue and black

The activities of the villagers: pages 10 and 11

- There are 14 traps and screens in the drawing
- Ways to set up a trap: 3:
 - on a post
 - hung from the branch of a tree
 - hung from sticks set up by villagers
- Page 11:

F-4. G-1, H-7, I-8, J-5,

Drawing 1 joined with picture 5 Page 12:

Drawing 2 joined with picture 3

Drawing 3 joined with picture 2

Drawing 4 joined with picture 1

Drawing 5 joined with picture 4

Page 14: TRUE or FALSE:

Line 1 - F - F - F

Line 2 - F - V - F

Line 3 - F - F - V

- The disease is transmitted by the bite of the tse-tse fly
- The disease is passed on to the baby in the mother's tummy

For further copies, please contact:

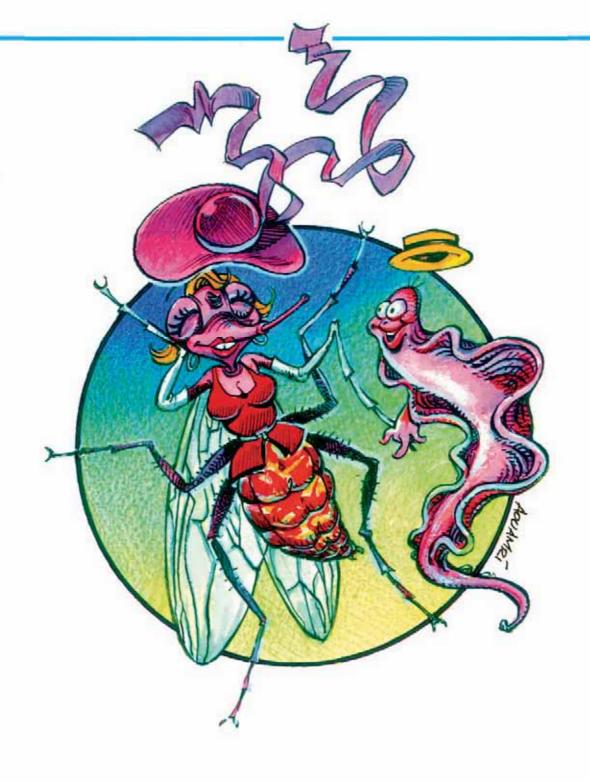
NTD Information Resources Center

World Health Organization

Office L. 365

1211 Geneva 27 Switzerland

E-mail: ntddocs@who.int



This notebook belongs to: