

THE AWE WHITE BOOKLET



Intake 2158

*Student-Officer **TREPLIEV***

A.W.E.

Alien World Exploration

“Mens sana in corpore sano”

371

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

Levattelow, 7th March 2158 AD.

Dear students,

I want to congratulate you warmly on the amazing results you have achieved. This year's intake has been exceptional because, for the first time, all the candidates have passed. You are entering the great organization of A.W.E. and will now become a member of the exclusive Robinson circle. I know you have worked hard to obtain that title and endured much self-denial for several years. But all that is nothing, compared with that which awaits you now.

The coming 5 years are going to be thrilling. The planets you will explore are very likely to be less peaceful than the one you rapidly reconnoitred during your initial mission. Be vigilant at all times. Danger is everywhere. You will encounter completely unknown forms of life.

Many Robinsons have already fallen on the field of honor. Like you, they were selected from among the best for their courage, physical strength, scientific knowledge, adaptability and decisiveness. And yet they allowed themselves one fatal moment of inattention, or gave way to despair.

Use your common sense. It can often get you out of a difficult spot quite simply. It is easier to make a snare than to become embroiled in risky fights.

Use your ingenuity, too: a little chemistry with natural products can produce a formidable explosive.

This booklet will provide you with invaluable advice and information, as well as the best mission report (made by Nietzsche 26).

Congratulations to Trepliev 1, who receives the Prize for Excellence, and to Nina 1 who, thanks in particular to her telepathic talents, is the first woman to join A.W.E.

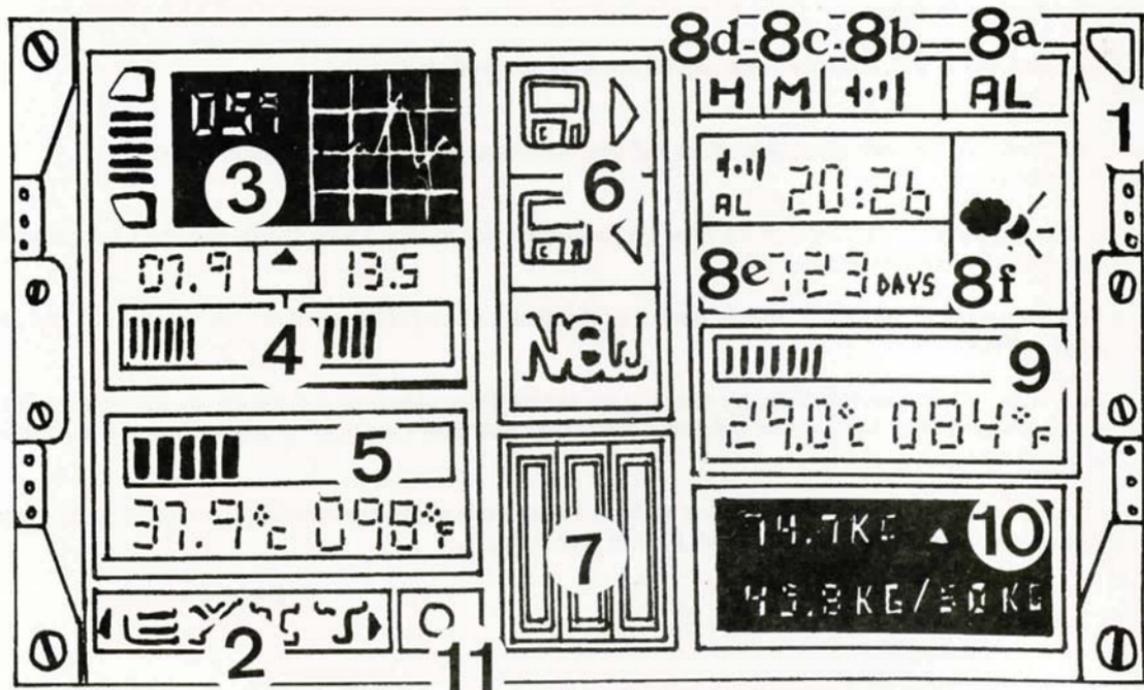
Guard this booklet carefully. Its value is mainly symbolic. It will remind you of the spirit of mutual assistance and comradeship between Robinsons.

Finally, I want to end on an optimistic note, for basically you are right: the pleasures of discovery are so inspiring that you will find its dangers laughable. Christopher Columbus would envy your opportunity to spend your time discovering new "Indies" or new "Americas"!

Now, fly with your own wings ... and I shall see you again in 5 years time, when your mandate is complete, so that together we can celebrate your Robinson's Requiem, as will then be your due...

Bon voyage!

Plato 625
President of AWE
Member of Scientific Intelligence



NAME: SESAME

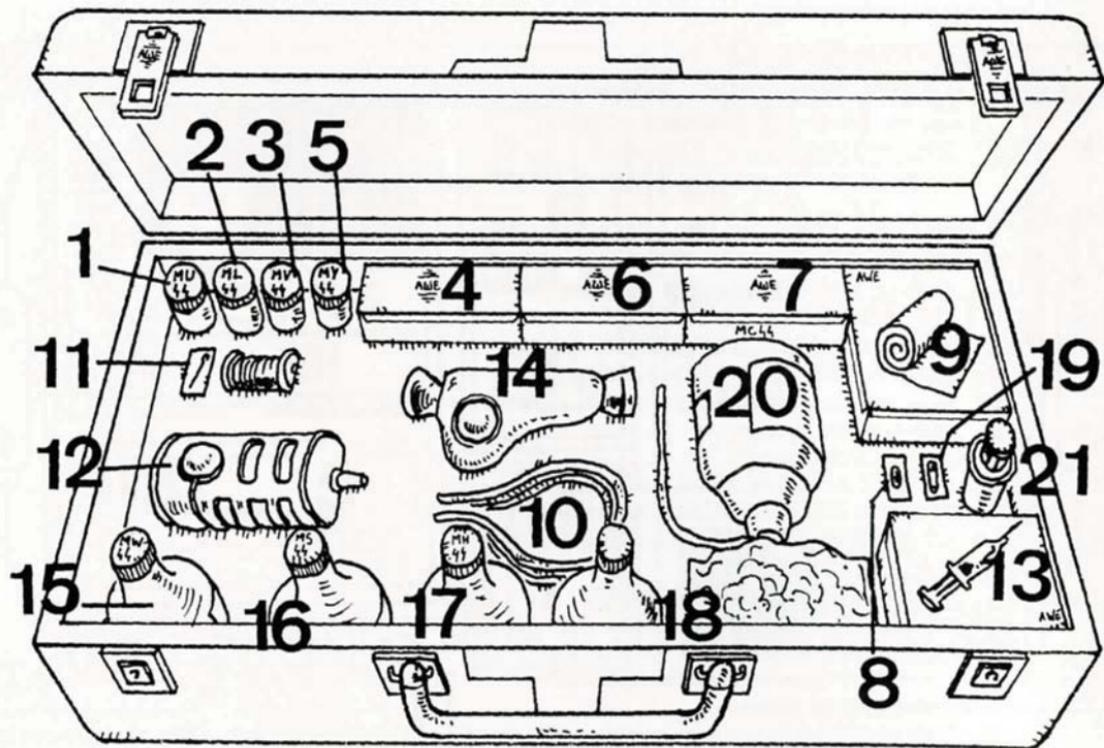
FUNCTION: CORPORIS mini-computer, inertia gyroscope
and compass incorporated

SYSTEM: Tactile reconnaissance ANALYSIS

POSITIONING: Standard models are worn on the thorax or
abdomen (references XB44M and XB44F),
using anatomical pectoral suckers.
Shock-proof. Waterproof to a depth of 100 m.

DIMENSIONS: 10 cm x 10 cm. Weight: 1.5 Kg.

- 1: Power indicator:
flashing: 1 day's independent operation
out: replace battery (URG1b model)
- 2: Disconnection from the "VISUALIS" system
- 3: Electrocardiogram. Displays number of beats.
- 4: Blood pressure. Diastolic and systolic measurements with variation indicator.
- 5: Body temperature.
- 6: Game function keys
- 7: Estimated resources: blood, energy and water
- 8: Clock unit. Adapted to Earth standards according to the solar system:
 - 8a: Alarm selection and de-selection
 - 8b: Alarm ON/OFF
 - 8c: To set the alarm, minute
 - 8d: To set the alarm, hour
 - 8e: Day counter
 - 8f: Climatic symbols (optional)
- 9: Ambient temperature
- 10: Body weight with variation indicator. Weight of load being carried and weight of maximum load.
- 11: Malaria indicator - Green: healthy subject
- Orange: presence of a virus
- Red: danger



ZW44 MEDICAL KIT

- 1: Aspirin MU44
- 2: Antibiotic ML44
- 3: Antispasmodic MV44
- 4: Quinine (AWE standard)
- 5: Vitamin MY44
- 6: Tranquillizer (AWE standard)
- 7: Sleeping pill MC44
- 8: Cyanide capsule
- 9: Bandages
- 10: Tourniquet
- 11: Needle and thread
- 12: Self-injectable atropine syringe
(AWE model, using a URA22c battery)
- 13: Syringes
- 14: Poison-aspirator
(AWE standard, using a URA22c battery)
- 15: 1 flask of MW44 anaesthetic
- 16: 1 flask of MS44 serum
- 17: 1 flask of MH44 morphine
- 18: 1 flask of antiseptic
- 19: Safety pin
- 20: 250 ml pouches of plasma
- 21: Disinfection tablets



STANDARD EXPLORATION EQUIPMENT
AWE - 2150

Uniform:

Undergarments
Fire-proof jacket
Fire-proof trousers
Pressurized Ranger shoes
1 gas mask
1 pair of Kevlar gloves

Bag:

Waterproofed, with a 2-litre flask
Maximum load: 50 Kg

Weapons:

- 1 knife with a carbide blade, saw-toothed on back.
- 1 laser with spare cartridge (Helium-Gallium beam).
- 1 heavy atomic fusion laser.
- 1 distress pistol with emergency rocket flares (model JK44).

Lamp:

Halogen torch with solar batteries.

SURVIVAL: THE BASIC PRINCIPLES

SLEEP

Rest regularly. You will recover your strength, calm down and relieve your pain. Do not wait until you fall asleep. Go and lie down before visual disturbance sets in. If you cannot sleep you can take a sleeping pill, an aspirin if you are in great pain, a tranquillizer if you are upset.

EAT

Eat regularly. Try to vary your meals. Eat more if you have lost a lot of blood. Drink plenty of water, especially if the weather is hot. On average one loses a little under 3 litres of water a day. In exceptional cases (intense heat, vigorous activity), one can lose up to 12 litres! You can chew salt pills. They help you retain water and limit dehydration.

Pay attention to the quality of your food. Use disinfection tablets methodically for your water, or boil it. See that your food is fresh (especially meat and fish). Stomach upsets can be treated with MV44 antispasmodics. If food poisoning is severe, spots may appear on your body.

Don't eat too much, either, or you will put on weight and risk suffering from indigestion.

GIDDINESS

Exhaustion, a drop in blood-pressure or dehydration can easily be avoided. For this, consult your "Sesame" microcomputer regularly. It will show you your energy levels, water requirements and how much blood you have. It will also tell you your weight, pulse rate and blood pressure which drops when you are short of water.

If you are extremely tired, you may suffer a drop in blood pressure and faint. This is alarming but rarely dangerous.

If you are "knackered", you can always take some vitamins (MY44).

If your blood-pressure really falls too low, you can use the atropine syringe. It can only be used once. Be careful! It induces a marked rise in blood-pressure and heart-rate, and if used when your condition does not justify it, induce a heart attack.

DRUGS

Most are stimulants which enable you to keep up the pace. They also raise blood-pressure, reduce pain and lessen states of anxiety. But be careful of their effects on your mental state and of overdosing.

ALCOHOL

It has its virtues. It helps you withstand the cold and calms anxieties. However, alcohol tires the body. Know how to enjoy it and consume it in moderation!

CLIMATE

Depending on the climate, don't hesitate to change your clothes to keep your body at as constant a temperature as possible. Beware of sudden changes in temperature (caves, deserts, etc.). You can catch flu easily and it can have serious consequences if it is not treated in time. As soon as you feel the first symptoms (cough, fever), take ML44 antibiotics or, if you have none, light a fire. If it rains heavily, cover yourself with a waterproof outfit. Do the same if you stay in the water. Beware! Immersion in icy water can be fatal.

Beware of the sun and intense heat. If you get sun-stroke, drink plenty of water and take an aspirin (MU44). A few leaves used as a hat enable you to avoid this kind of unpleasantness!

MEDICAL CARE

Medicines: Take antibiotics (ML44) to fight infections. Analgesics reduce fever and relieve pain. Don't overdo taking medicines. They can cause stomach upsets. Pay attention to your temperature (normal average: 37°C), your pulse-rate (normal at rest: 60/70 beats) and your blood-pressure (normal at rest: 13-8) - one degree of fever raises the heart-rate by 18 beats. These are the most revealing indicators of your state of health.

Simple wound: Disinfect the wound and put a bandage on it until it is completely healed. If you have run out of disinfectant, you can always use alcohol.

Infected wound: Take antibiotics to fight the infection.

Very large wound: A few surgical stitches are required. If you have lost more than 1 litre of blood, you are in danger of dying. The first signs of disturbed vision will indicate that you are losing too much blood. To close the wound, place a tourniquet downstream of it, inject anaesthetic into the limb concerned, disinfect it and stitch it up. Don't forget to remove the tourniquet!

Fracture: Avoid using the affected limb. Put a strong splint on it. If the pain is too great, inject yourself with morphine.

Poisoning: The preventive solution is to inject yourself with a serum before entering risky areas. Bites will still cause infections but they will remain benign. Otherwise, you can use the venom aspirator and pump out the contaminated blood. But be careful! This action must be performed immediately after a bite. In fact you have only a few seconds to react. Otherwise, place a tourniquet downstream of the bite, and inject serum into the affected area.

If you have not reacted in time, you will have to amputate the limb (see further on).

In all cases, remain calm and do not run, or the poison will circulate through your bloodstream faster.

Gangrene: This can set in if you do not treat your wounds. The only solution is to amputate the gangrenous limb.

Amputation: You have to be really tough-minded to perform this operation ... but is there any choice? Put on a tourniquet. Inject anaesthetic into the place where you are going to cut. Cut off the limb cleanly: to do this, use your survival knife which has a saw. Disinfect the wound. Stitch it. Remove the tourniquet.

Malaria (and its derivatives): This is the disease most often caught during exploration. It is rife mainly in marshy areas, and the symptoms are intermittent bouts of fever causing violent trembling. This disease is treated with quinine. The best thing is to take it regularly before, during and after your trip.



BRASSICA OLERACEA.

MISSION REPORT
Intake 2158
AWE initial mission

Student Officer: NIETZCHE 26

Planet: Unknown, christened "Zarathustra"

Type of mission: General overflight, then screening (4 landings and observation in previously defined zones).

A. GENERAL

Diameter: 10,000 Km.

Solar system: Presence of 3 satellite planets.

Average distance from sun: 130 million Km.

Atmosphere: About 4/5 nitrogen and 1/5 oxygen. This air is therefore viable for human beings.

Constitution: 80% of the planet is covered in ocean. There are few truly habitable zones. I concentrated on an area of land near one of the poles (81° M-AWE and 132° XZ-AWE).

B. SCREENING THE REGION

The night only lasts 4 hours. The topography is varied. There are many caves. I made my observations at 4 points, which could be classified as follows: tropical forest, swamps, forest massif (coniferous), desert steppes.

B.1 Tropical forest (Z4-9.1 M-AWE/Z3-5. XZ-AWE).

Average temperature: 28°C.

Rainfall: Normal.

Presence of a water source: This place would be perfectly suitable for a preliminary installation. The flora is similar to our jungles on Earth. I discovered a kind of giant Brassica which is edible. Noticed a herbivorous deer-like animal and a few predators.



MACROLEPIOTA
VENENOSA



MACROLEPIOTA
RHACODES



COPRINUS
COMATUS



RUSSULA
BADIA.



LYCOPERDON
PERLATUM

B.2 The swamps (Z8-0.4 M-AWE/Z1-5. XZ-AWE)

Temperature: Nearly 24°C.
Rainfall: Copious. Climate misty.
Dense flora.

Anopheles mosquitoes proliferate in the swamps, much more numerous than in the jungle. Quinine is essential.

I met some natives:

"I only saw women. They are warriors and received me with suspicion. I gave them a lamp as a sign of peace and friend-ship. They were amazed by it and welcomed me warmly. They live in the trees. It seems that they are afraid of a troublesome predator. They breed a species of "stegosaurus" which provides them with very rich milk. I called this race "Friday". I'm still wondering where I could have found such an ancient name! I stayed with the Fridays for a week and used the time to teach them the rudiments of our language."

B.3 The massif (Z9-7. M-AWE/Z3-8.1 XZ-AWE)

Average temperature: Around 14°C.

The flora is abundant, consisting mainly of pine forests. I discovered some enormous *Cyrena Scolimus*. Excellent!

A large lake covers the region. I built a raft with what I could find and explored it. I discovered that the lake runs into a cave, a sort of glacier where the temperature is very low. I noticed a group of horses on the cliff overlooking the lake.

B.4 The desert (Z7-7.5 M-AWE/Z8-6. XZ-AWE)

The temperature here is very high and can reach 50°C. However, at night it can fall to 0°C!

Areas of moving sand are frequent.

A constantly active volcano dominates the region. The flora consists of giant mushrooms, all poisonous, except for a few rare stands of parasol mushrooms. I did not observe any particular fauna.

INTAKE 2158

Excellence Prize

Trepliev 1

Second Prize

Nietsche 26

and in alphabetical order,

Abèlard 39

Darwin 5

Descartes 122

Diogenes 48

Epicurus 92

Freud 37

Hegel 17

Hume 60

Kant 217

Marx 49

Nina 1

Pascal 22

Pavlov 95

Pythagoras 32

Schopenhauer 26

Socrates 19

Spinoza 44

Theophrastus 7

PERSONAL MESSAGES

Congratulations to the outlay's number one...
but would it be so good in a real
situation? And in different surroundings?

Paulus 95
Mehmed Ali #1

Next would stand your fly mag.
I hope for your sake we
never meet again in this
unworld.

Nietzsche 26

Don't voyage
And each to his own life
Nirvi |

The most important is to stay healthy.
Good hunting, old sea-dog.
Epirus 92

PERSONAL MESSAGES

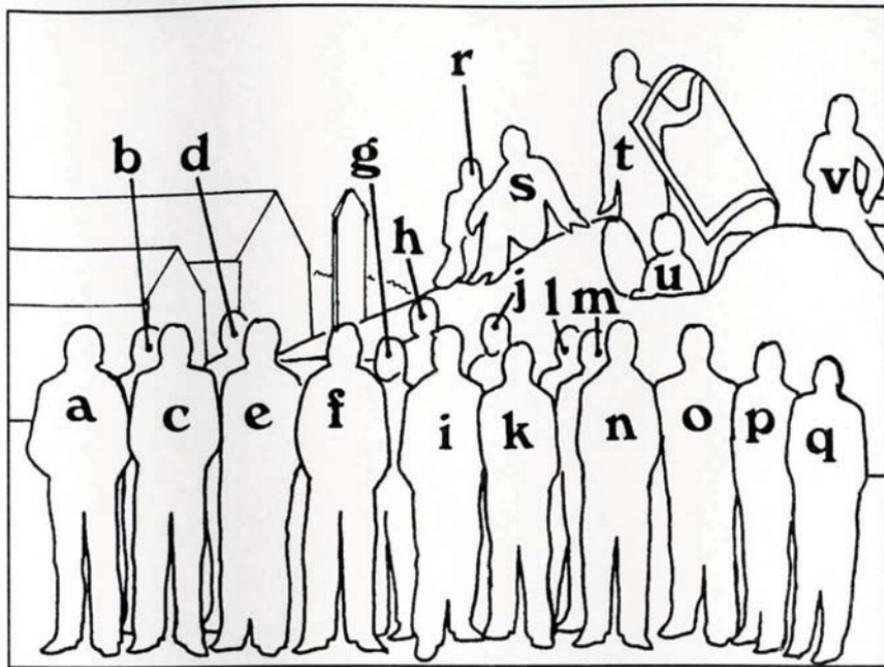
Your success with women
always made me sick, I really
can't imagine what they see
in you. Anyway, you won't
come trompling on my
flower-beds again now. It's
long.
Socrates 19

Well done! Well done!
Well done, you! It's all so exciting.
All these adventures are too much
for me!
Diogenes 48

I was always better at shooting
than you. Try not to forget it.

Freud 37





- a) Diogenes 48 b) Pythagoras 32 c) Abèlard 39 d) Hume 60
 e) Socrates 19 f) Epicurus 92 f) Nina 1 h) Freud 37
 i) Hegel 17 j) Schopenhauer 26 k) Descartes 122 l) Nietzsche 26
 m) Theophrastus 7 n) Darwin 5 o) Aristotle 440 - S.I. Reporter
 p) Plato 25 - President of the AWE q) Trepliev 1 r) Spinoza 44
 s) Pascal 22 t) Marx 49 u) Pavlov 95 v) Kant 217