



Glimpses of Indian Fisheries- A caricature

Dr. A.A. Jayaprakash

Indian Council of Agricultural Research
Central Marine Fisheries Research Institute
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Preface

Caricatures represent some of the earliest examples of human art. Prehistoric figures; painted on cave walls, carved out of wood or bone and fashioned out of clay; convey the hopes and fears of primitive peoples to the modern world. Contemporary caricatures encapsulate living human history, offering; in a panel or two; opinions, lessons, and sometimes judgements on events that shape the present and future world. They are often very personal, with their creators viewing the world through a lens shaped by their personal experiences. This compilation of 68 caricatures shows us the world through the eyes of a fisheries biologist, a rather unique perspective.

Dr. A. A. Jayaprakash joined the Central Marine Fisheries Research Institute (CMFRI) in 1969, spending the next 4 decades in researching demersal and pelagic fisheries, before retiring as a Principal Scientist in 2007. In addition to his duties as a scientist, he was, at different times, in charge of the CMFRI Museum, field laboratory at Fisheries Harbour, Kochi and Library at CMFRI; editor of the Annual Report of the Institute on three occasions and editor of the Journal of the Marine Biological association for 8 years and also worked in Technical Cell and FORV *Sagar Sampada* Management Cell. In between these various responsibilities, he also found time to create the caricatures which feature on the following pages.

Featuring mostly fish as protagonists, these caricatures capture the artist's thoughts on a wide array of topics ranging from climate change to space exploration to natural disasters and rampant consumerism. They offer a glimpse into the world of a fisheries scientist and also the world as glimpsed by a fisheries scientist. In seeing bits of ourselves in these images and laughing over them, I hope readers will also recognise the immense pressure we place on the planet and its resources.



Acknowledgements

I am very grateful to Dr. A. Gopalakrishnan, Director, Central Marine Fisheries Research Institute, (ICAR), Kochi, for his continued support, interest and guidance in the preparation of these caricatures from the very beginning. I am very much indebted to him for the initiative and action taken for compilation of these caricatures and bringing it out as a Special Publication. My profuse thanks to him.

Way back in the year 2004 Sri V. Edwin Joseph, the Chief Librarian of Central Marine Fisheries Research Institute (CMFRI), Kochi requested me to design a cover page for the Current Awareness Service (CAS) of the Institute. The CAS provides monthly content page service for selected journals in digital format. The cover page should be different from the conventional format of giving or depicting photographs. Initially I was apprehensive of the task as each issue of CAS needed a separate design. But considering the fisheries as a vast field, I felt that there will not be dearth of ideas and subject matter for making caricatures. Since then, a series of caricatures have been made on aspects such as: fishing, fishery database development, overfishing, responsible fishing, young fish destruction, depletion, extinction, conservation and so on. I should thank Dr. Mohan Joseph Modayil, the then Director, CMFRI, and to Mr. V. Edwin Joseph for giving me a chance to design these cover pages.

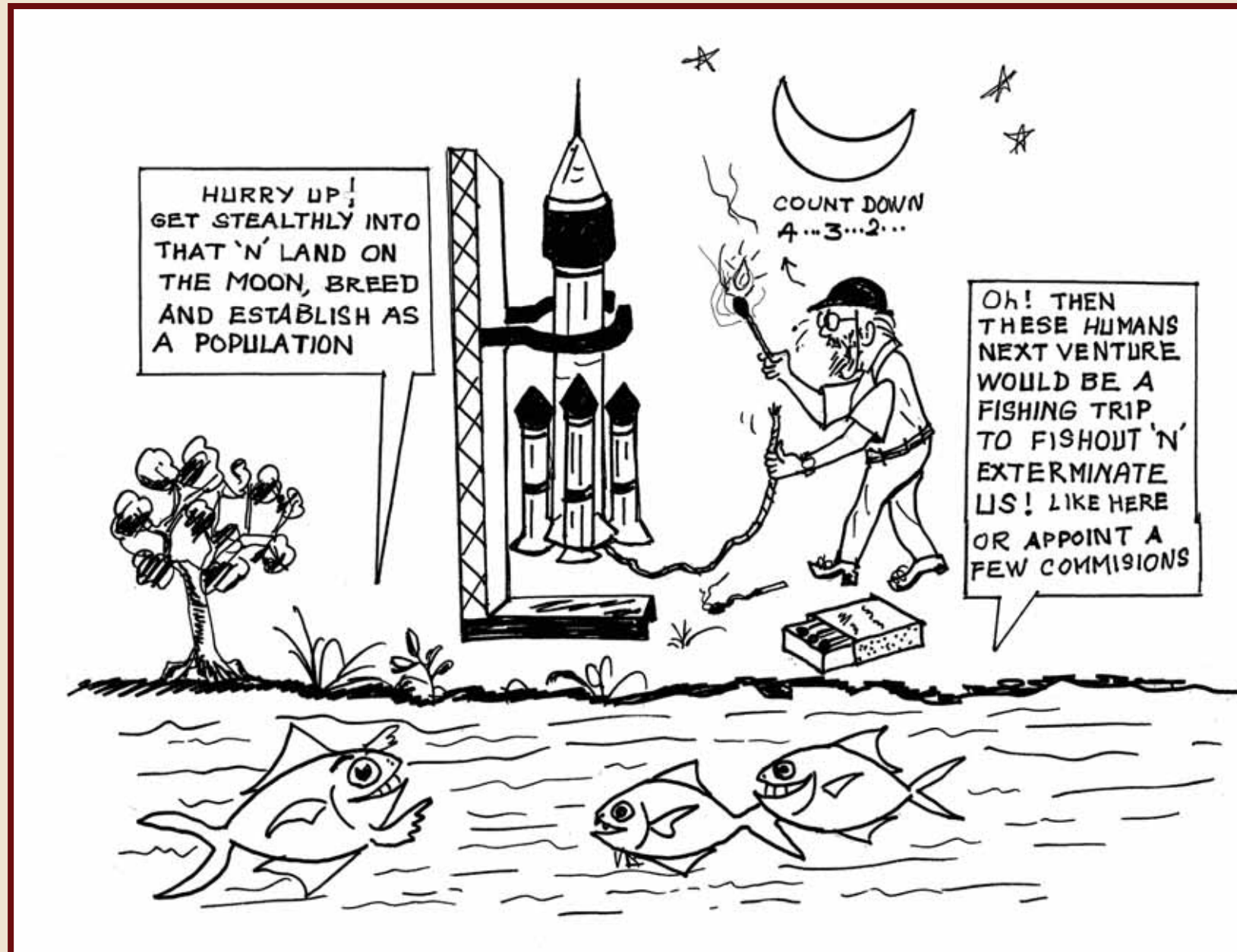
I am grateful to Smt. P. Geetha, Officer in Charge, Library & Documentation Centre of the Institute for her special and painstaking effort in the compilation of the scattered caricatures for publication and editing for publication and I express my sincere thanks to Mr. V. Edwin Joseph, Dr. S. Girijakumari and Dr. V. Mohan for the support I have received from the library. I also thank Dr. K.S. Sobhana, the Scientist-in-charge, Library & Documentation Centre, and Sri. Arun Surendran and Sri. Rahul G Kumar for the support given.

The excellent cover illustration by Sri. K.M. David and cover design by Sri. P.R. Abhilash are gratefully acknowledged.

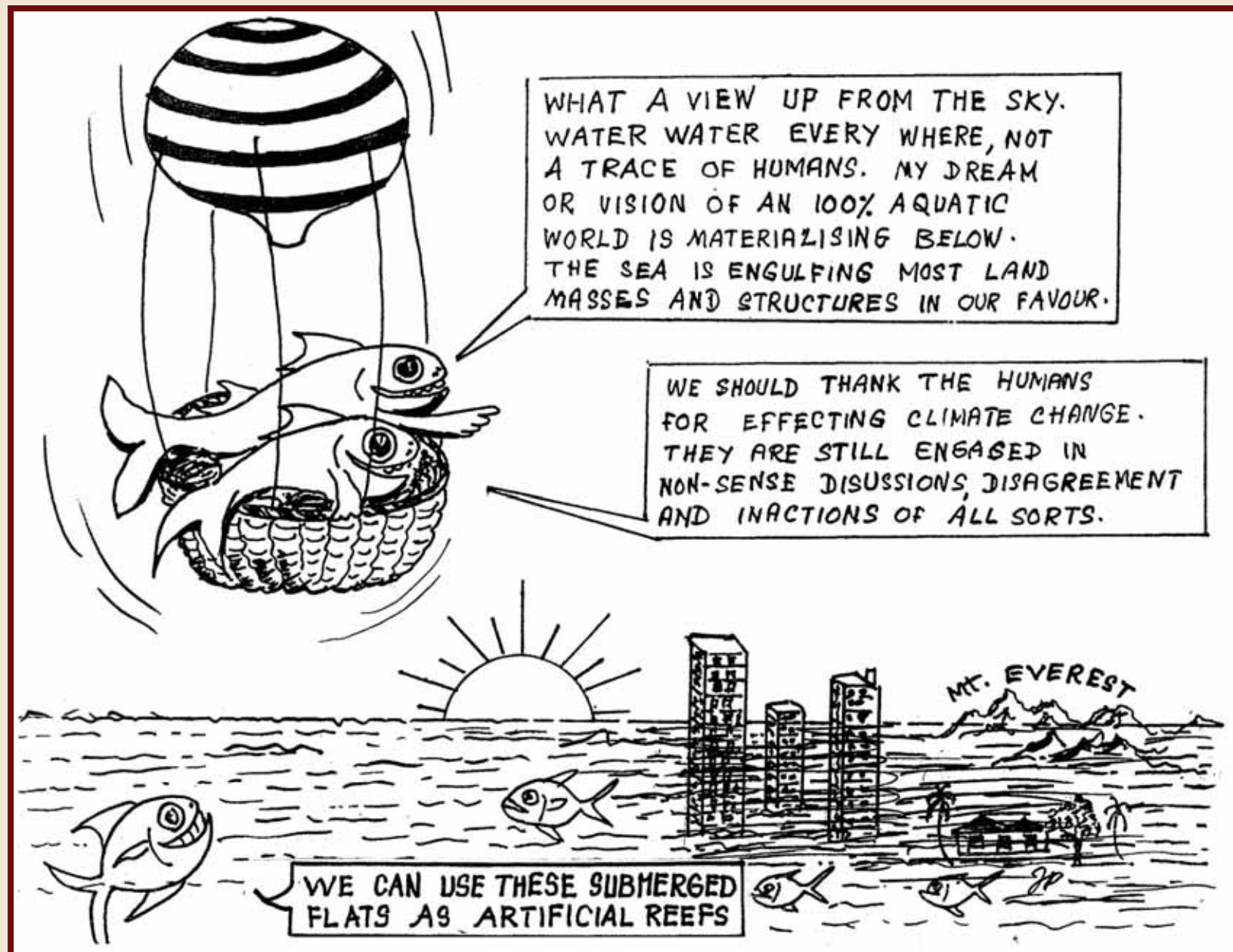
**CMFRI - LEADER IN MARINE FISHERIES RESEARCH
ENSURING NUTRITIONAL SECURITY**



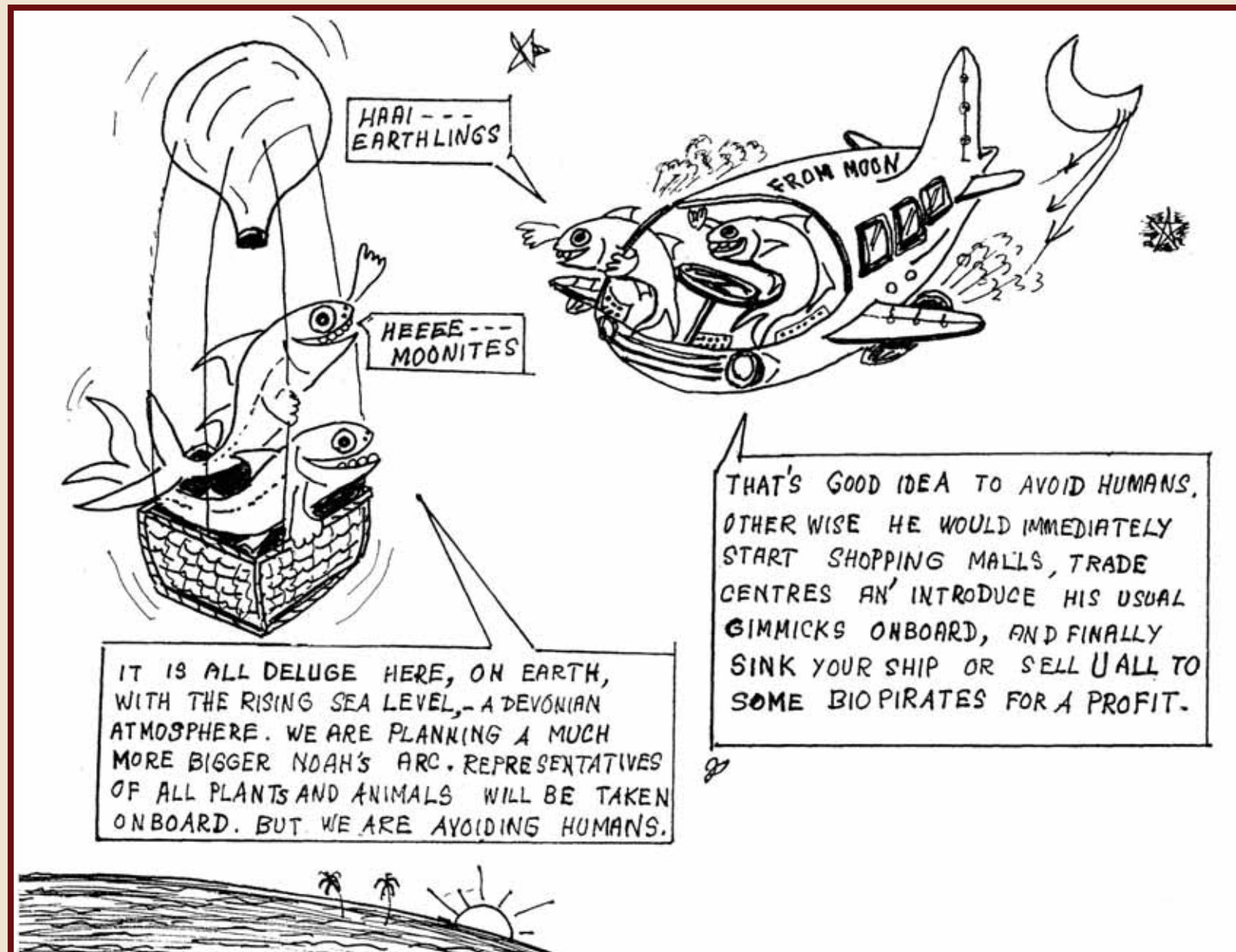
WATER ON MOON



Glimpses of Indian Fisheries - A caricature

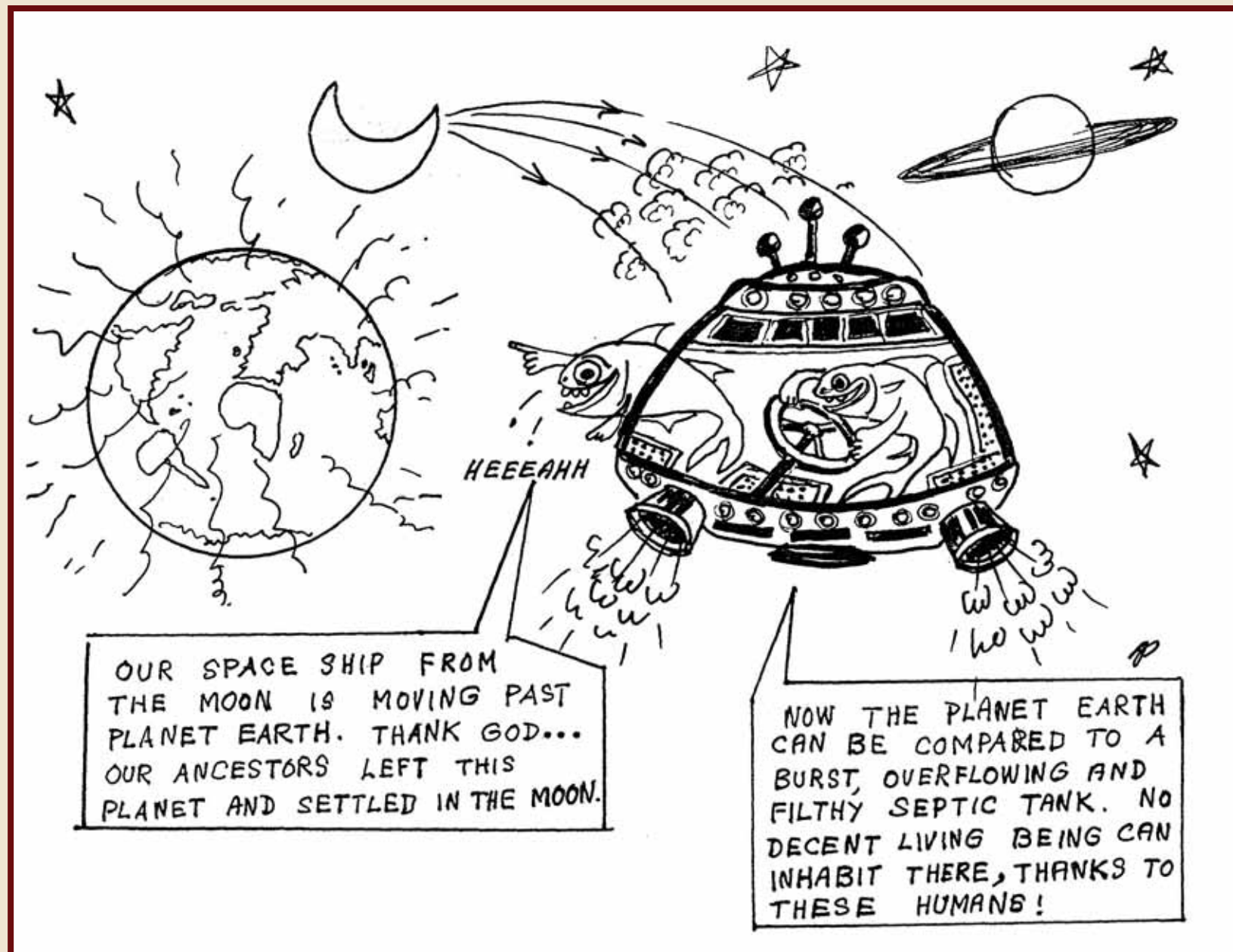


NOT IN THE LIST !



Glimpses of Indian Fisheries - A caricature

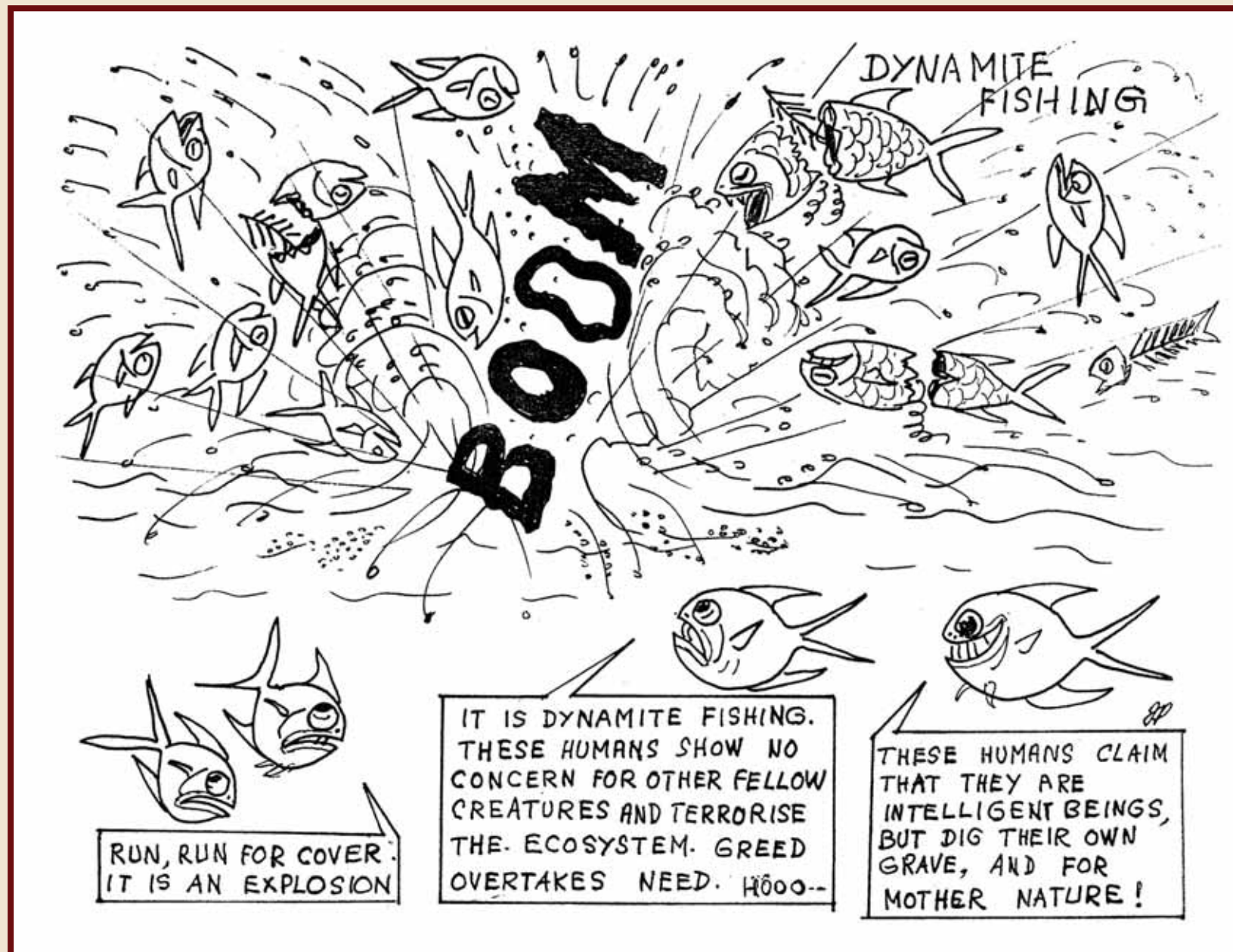
THE STINKING PLANET



HONEY - MOON ECLIPSE / THREAT TO SPAWNING



DYNAMITE FISHING

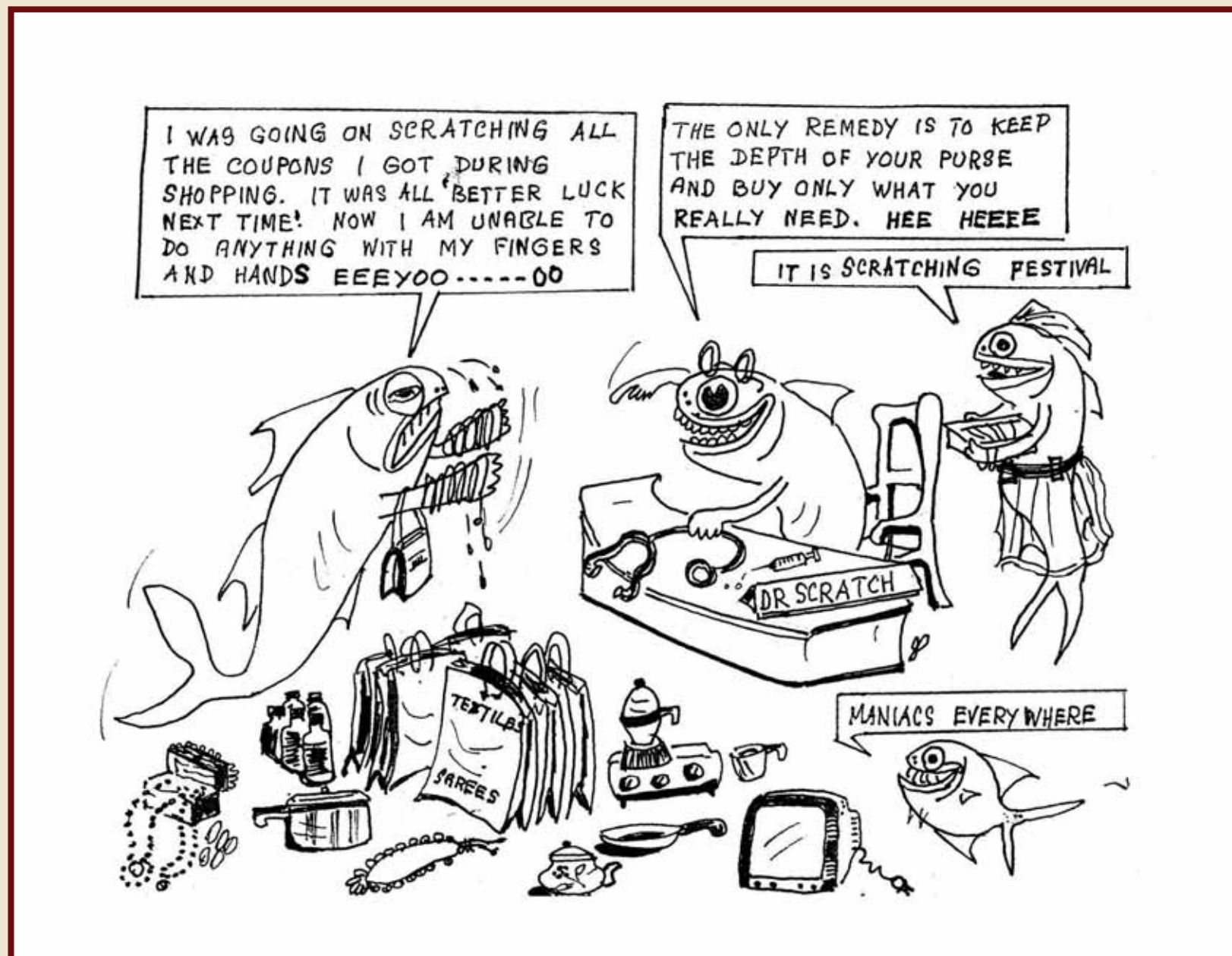


THE HIMALAYAN HOAX ?

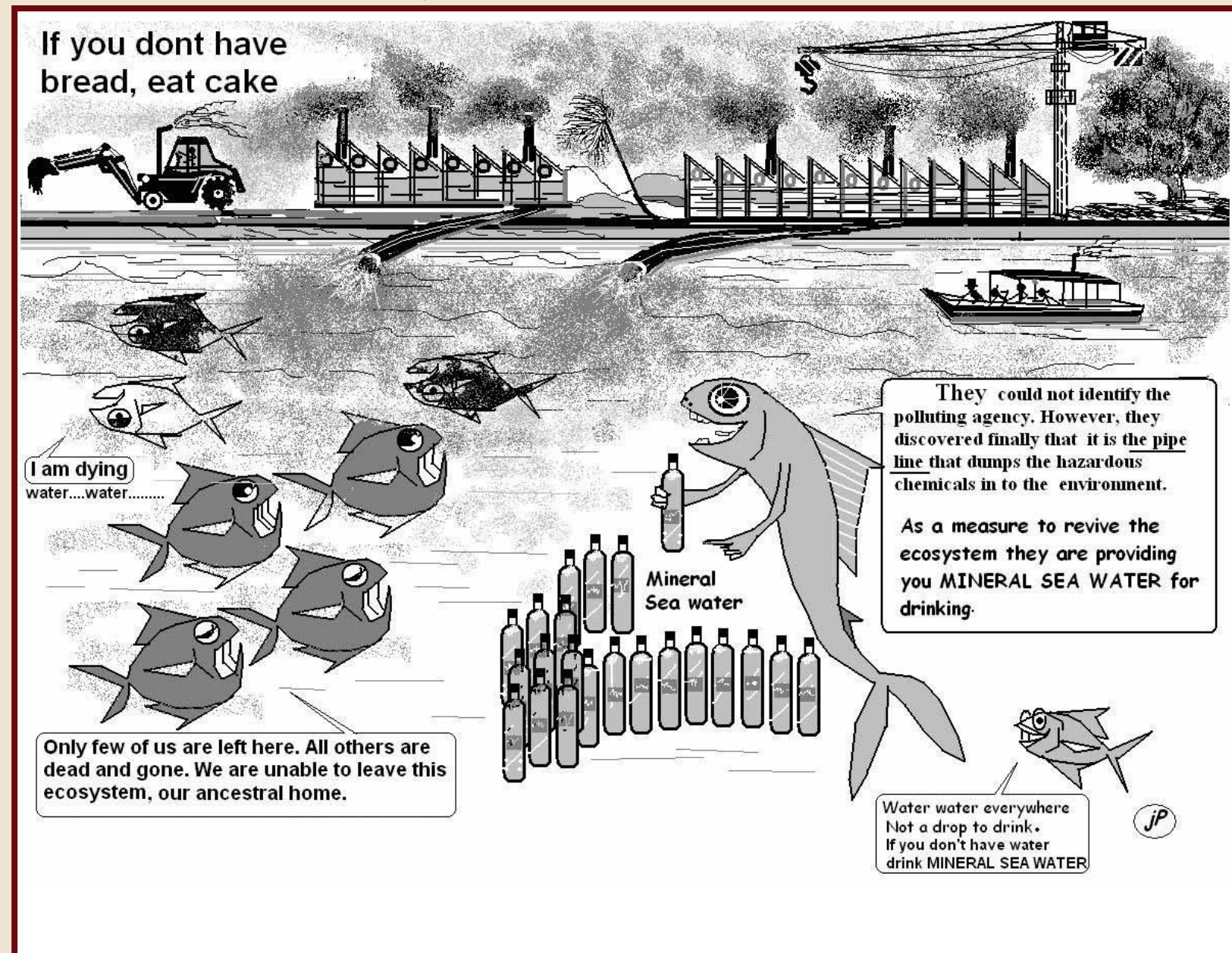


Glimpses of Indian Fisheries - A caricature

SHOPPING / SCRATCHING FESTIVAL !



IF YOU DONT HAVE BREAD, EAT CAKE

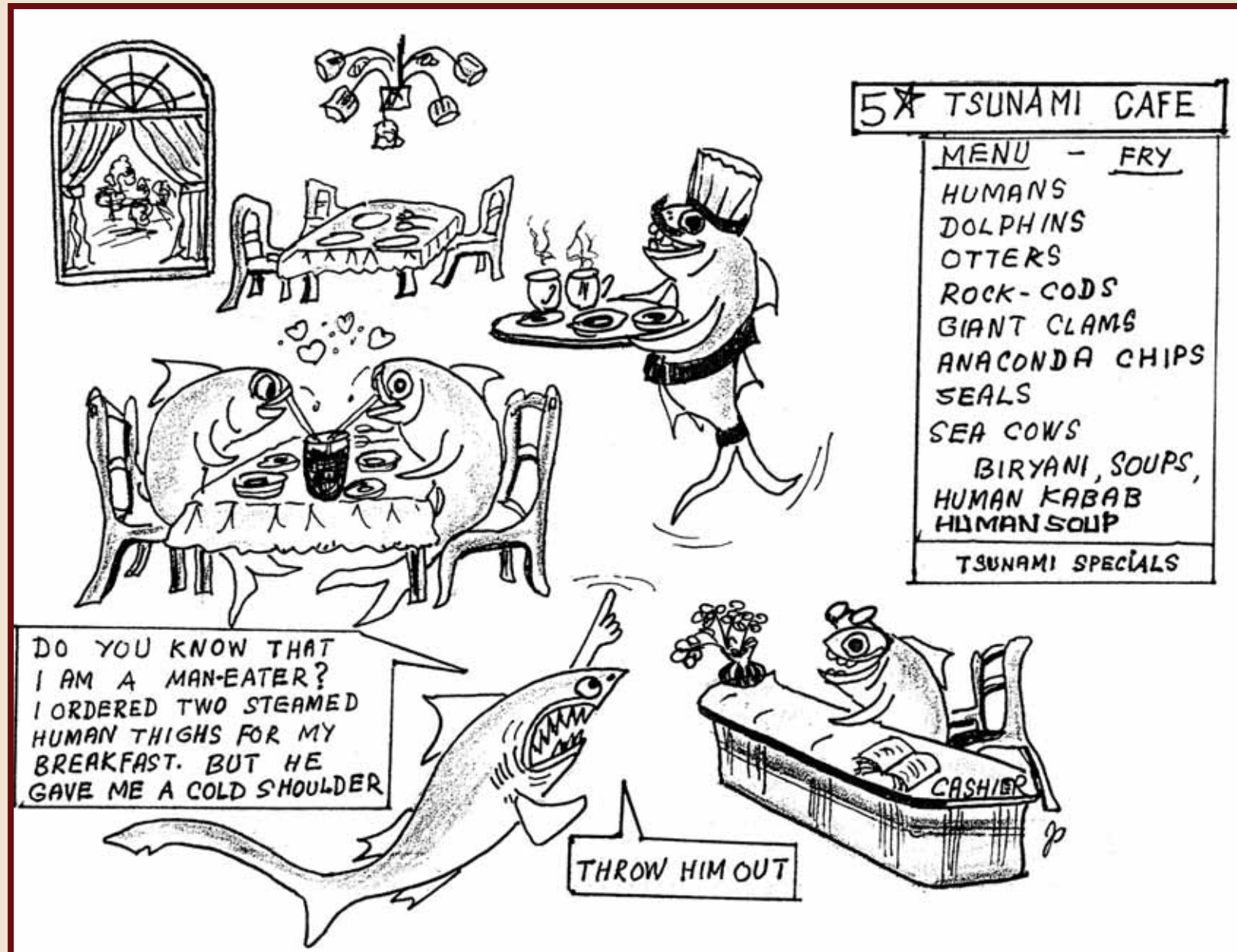


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BETTER - U GET MAD !

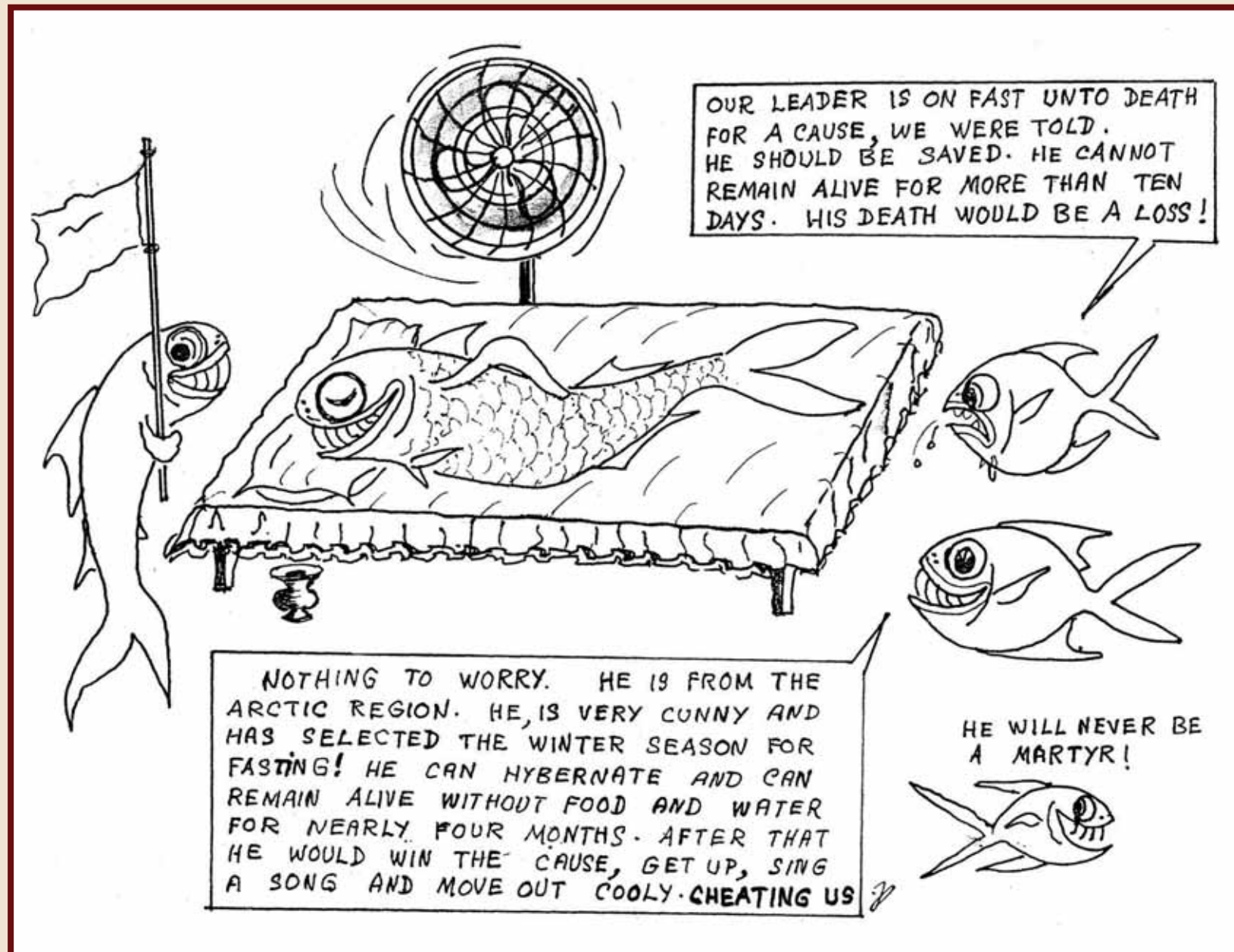


TSUNAMI - 100s OF CORPSE IN THE SEA



Glimpses of Indian Fisheries - A caricature

FAST UNTO DEATH



AFRICAN WEED MENACE IN BACK WATER



Glimpses of Indian Fisheries - A caricature

GUESS / GUEST WHO IS COMING TO BACK WATERS ?

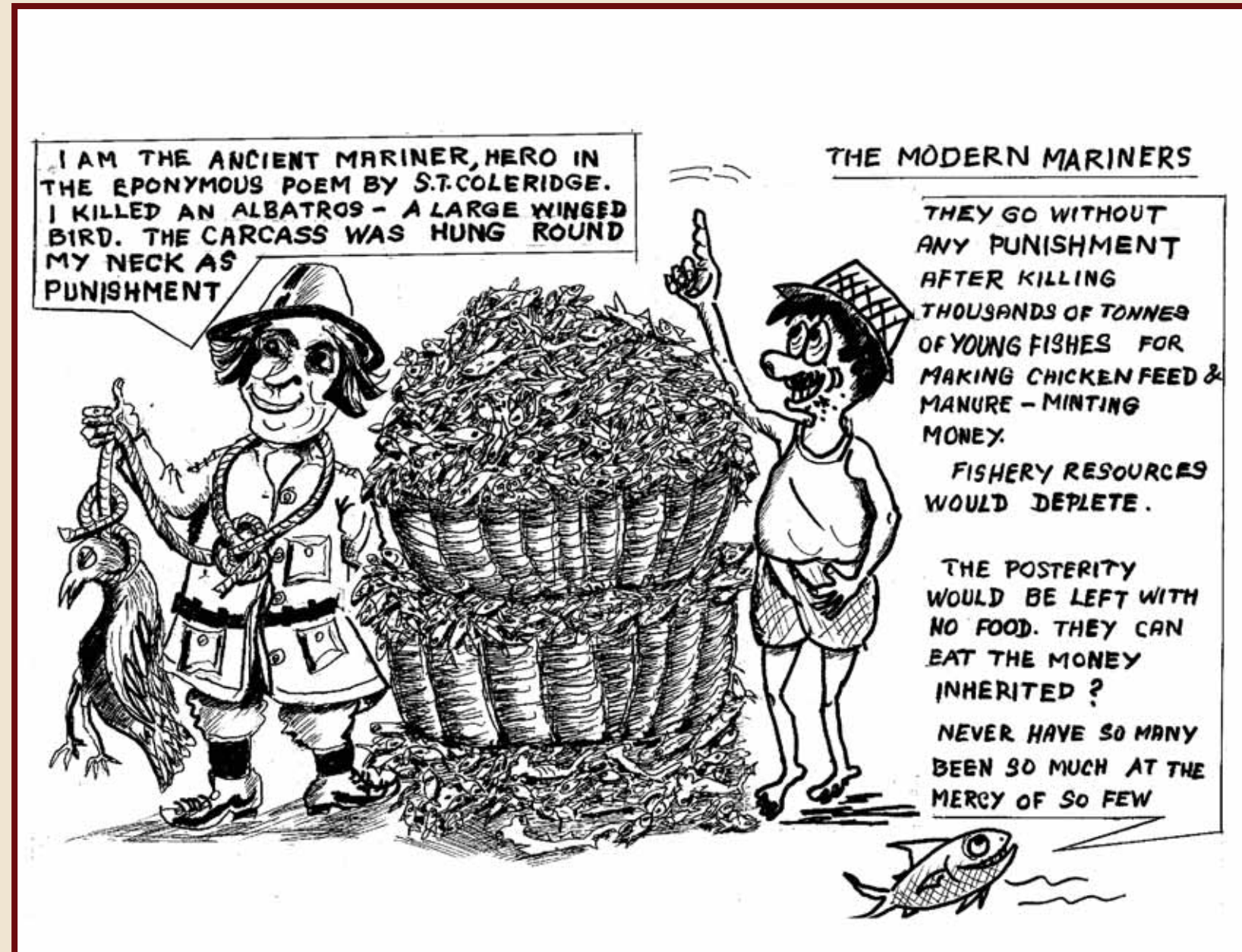


The oil sardine during peak abundance of stock sometimes enter backwaters of Quilon, Cochin and Mangalore. The erratic appearance of this fish has ever remained interesting. After the population crash in 1945-46 and in 1993-94 the stock resuscitated.

Certain insects called Cicadas incubate underground and emerge every 13/17 years to mate. Why this prime number periodicity? The predators of Cicadas have 2-6 year life cycle. Cicadas would be a feast for predators with 2, 3, 4 and 6 year life cycle if the prey has a 12 year life cycle. It is nature's play. The natural selection.

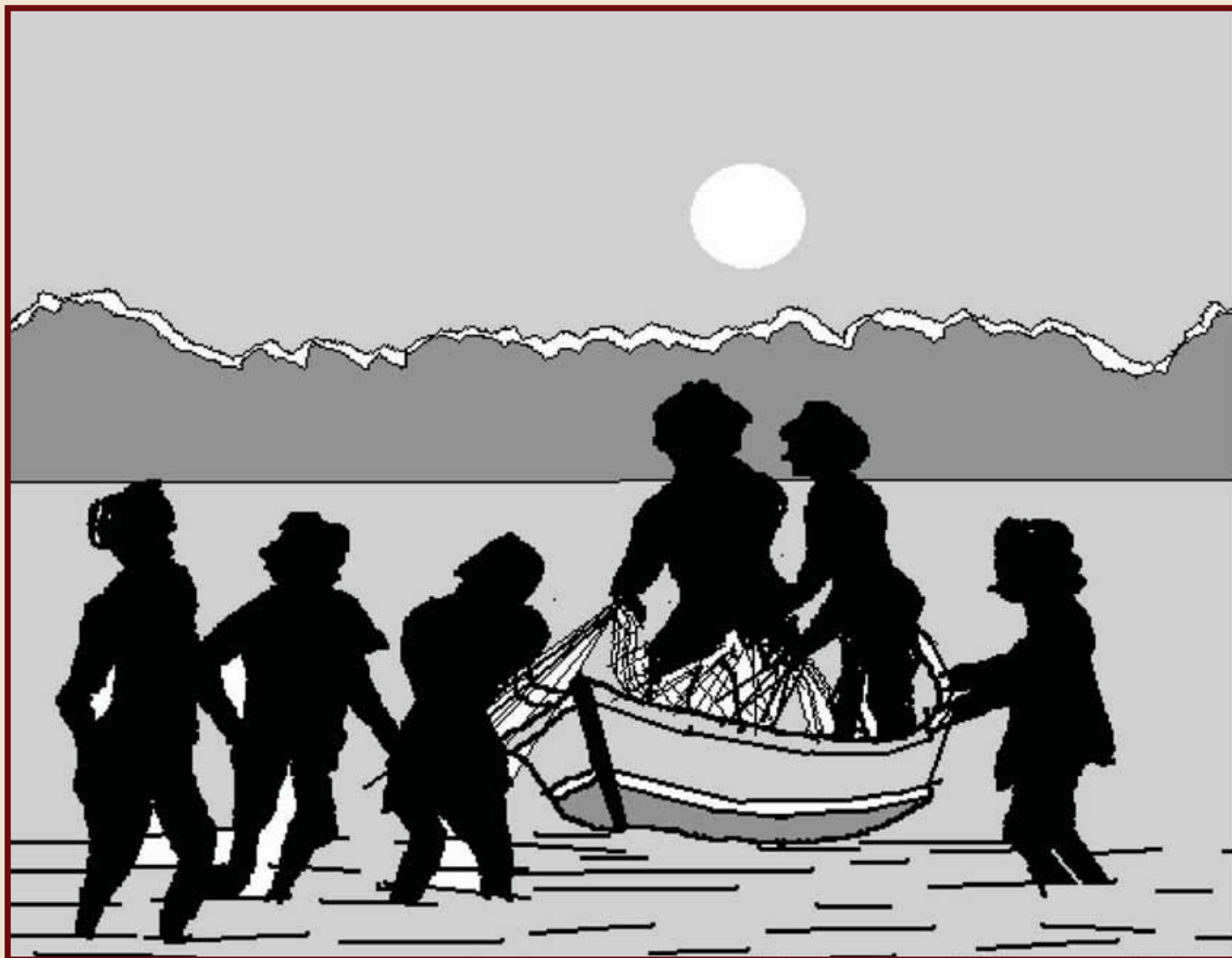
Nature provides a slot for each organism in the biotope. What pattern the nature has allotted to oil sardine - a prime number or a whole number slot?

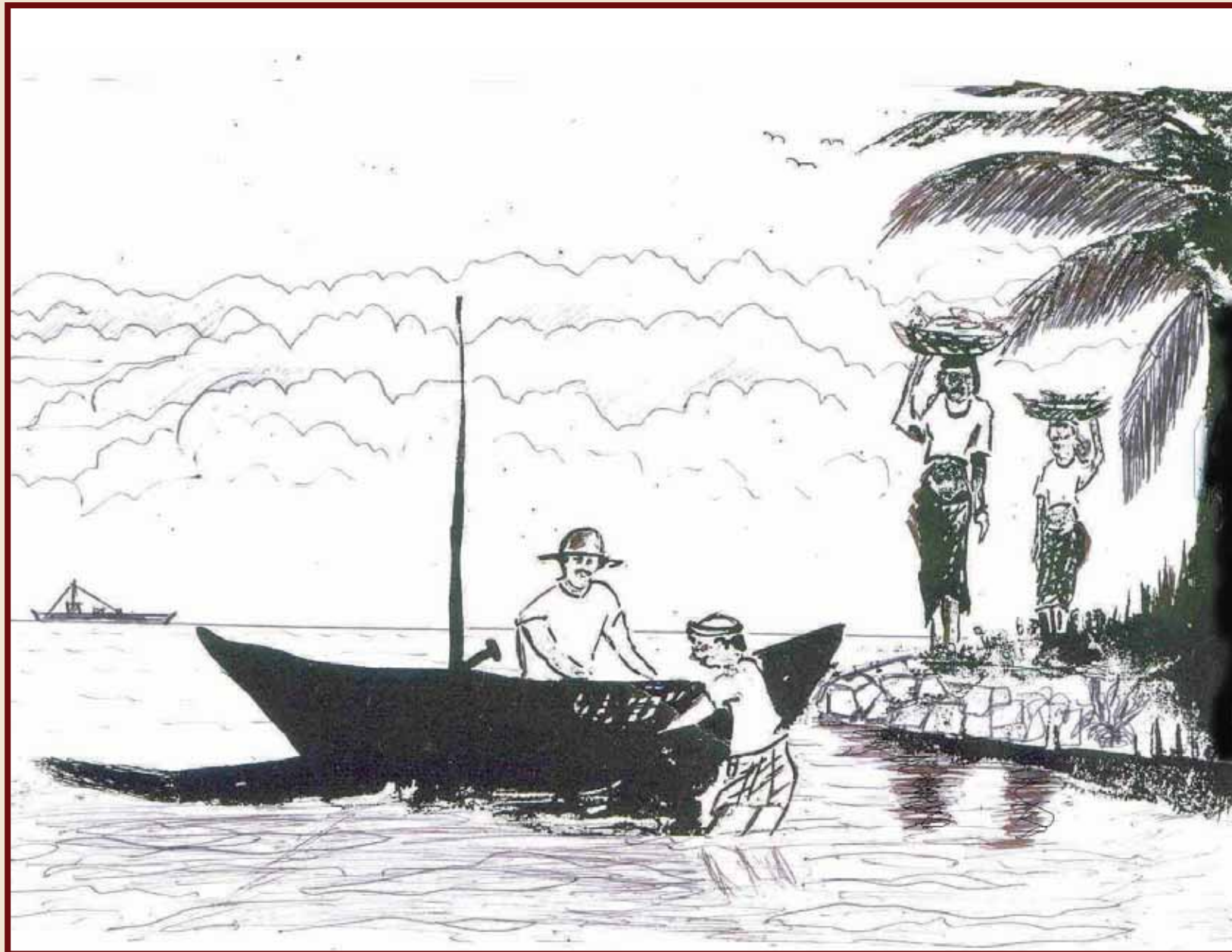
OOH CHICKEN, WE ENSURE YOUR FOOD SECURITY NOT OF OUR POSTERITY



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SUSTENANCE FISHING NEAR SHORE





Glimpses of Indian Fisheries - A caricature

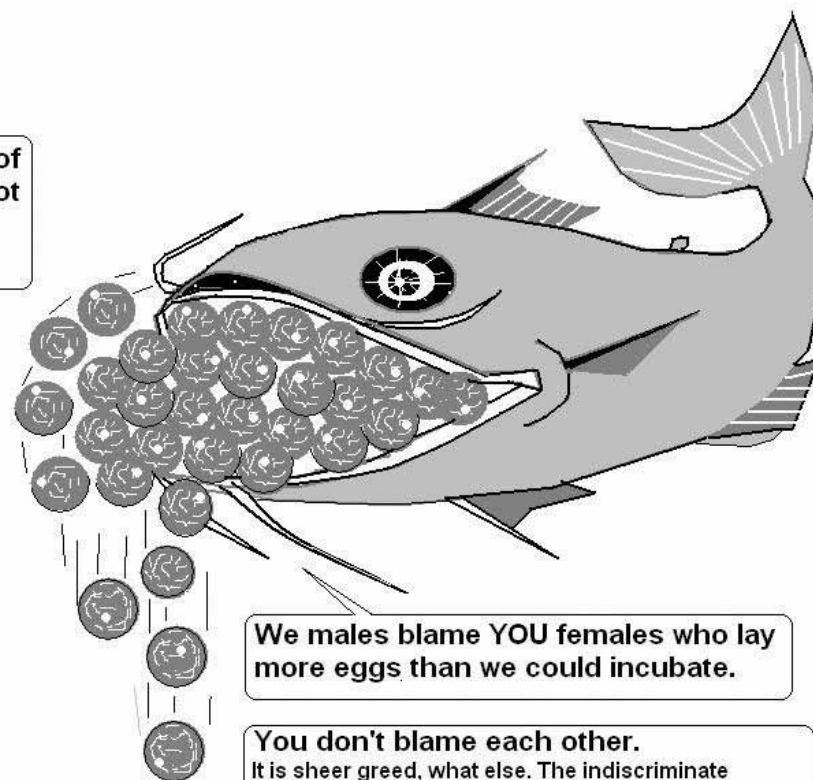
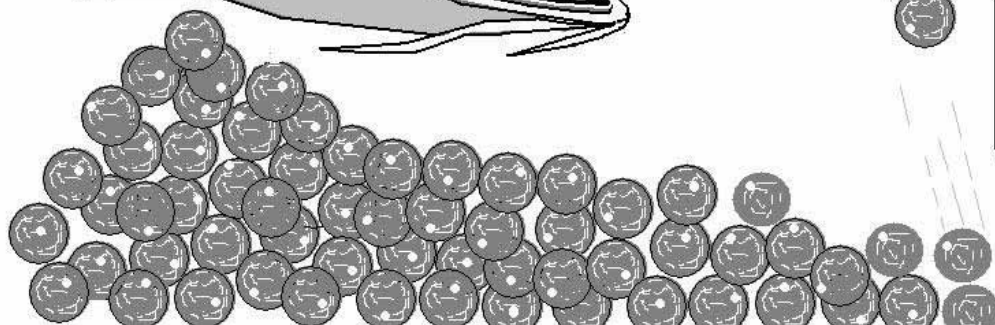
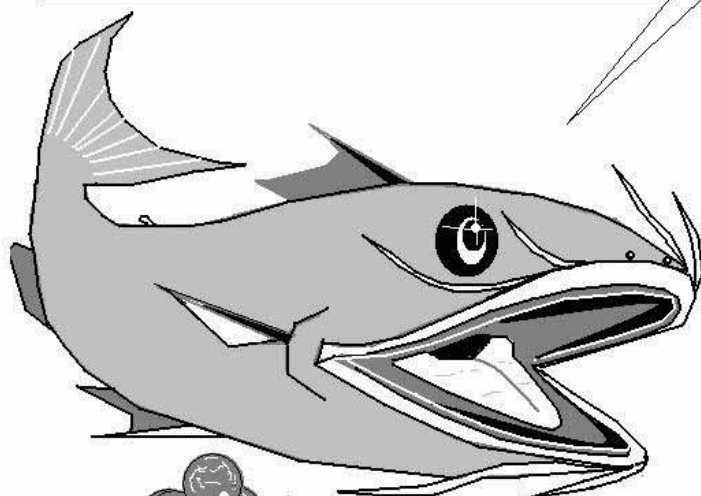
HILSA FISHING UPSTREAM AND
DOWNSTREAM - NORTH EAST COAST



SKEWED SEX RATIO, STOP SELECTIVE FISHING

DEPLETION OF CATFISH STOCK
FISHERS AND OTHERS WORRIED

The fishers are worried about the depletion in stock of catfishes. They accuse that the male catfishes are not accommodating the eggs to the full capacity in their mouth for brooding. So much goes wastage

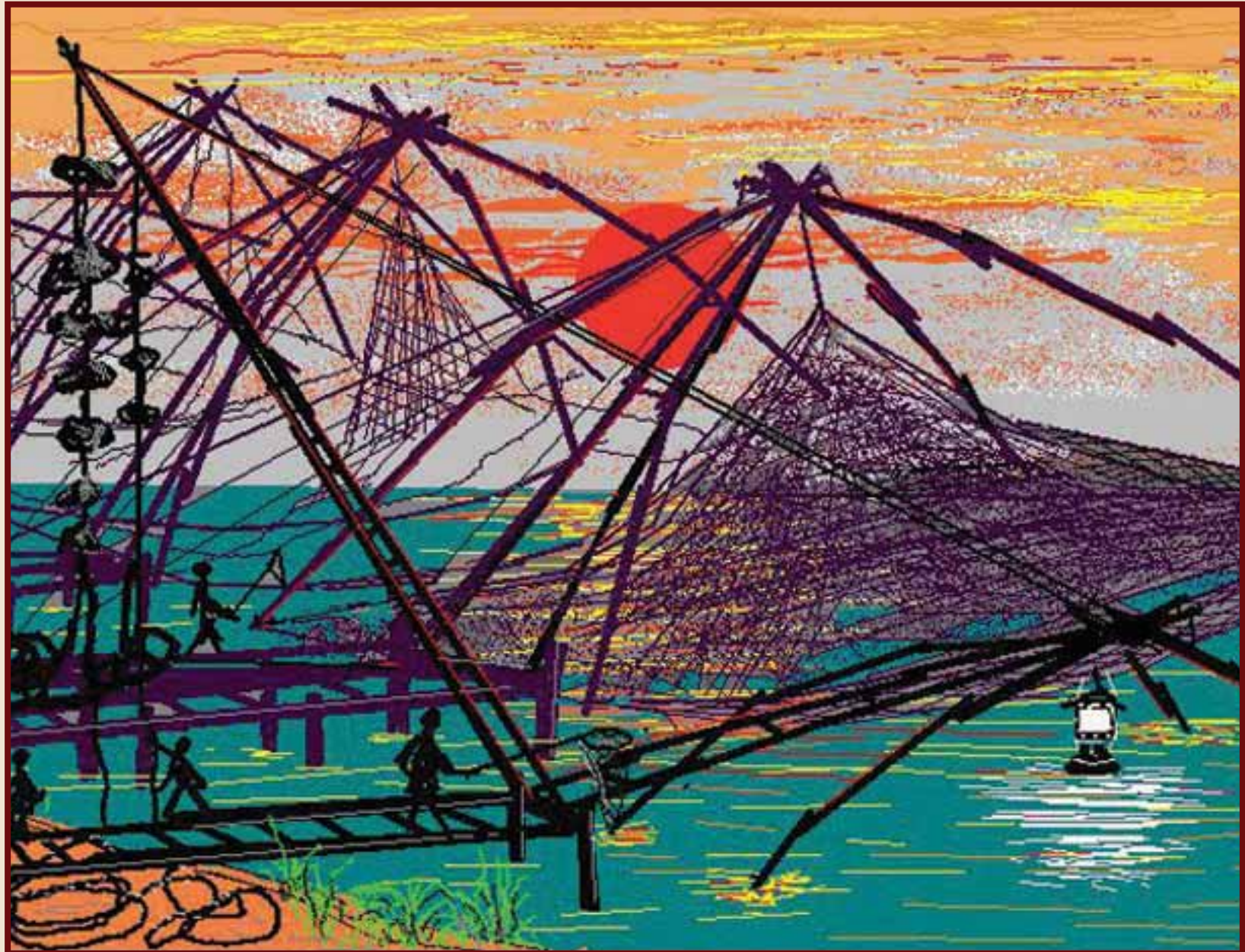


We males blame YOU females who lay more eggs than we could incubate.

You don't blame each other.
It is sheer greed, what else. The indiscriminate fishing and killing of the brooding males with the eggs have led to this predicament..... Never have so many been so much at the mercy of so few greedy literates



CHINESE DIP - NETS AT FORT COCHIN - A LAND MARK



COCHIN - ON HIGH RISE - FISHING/EXPORT

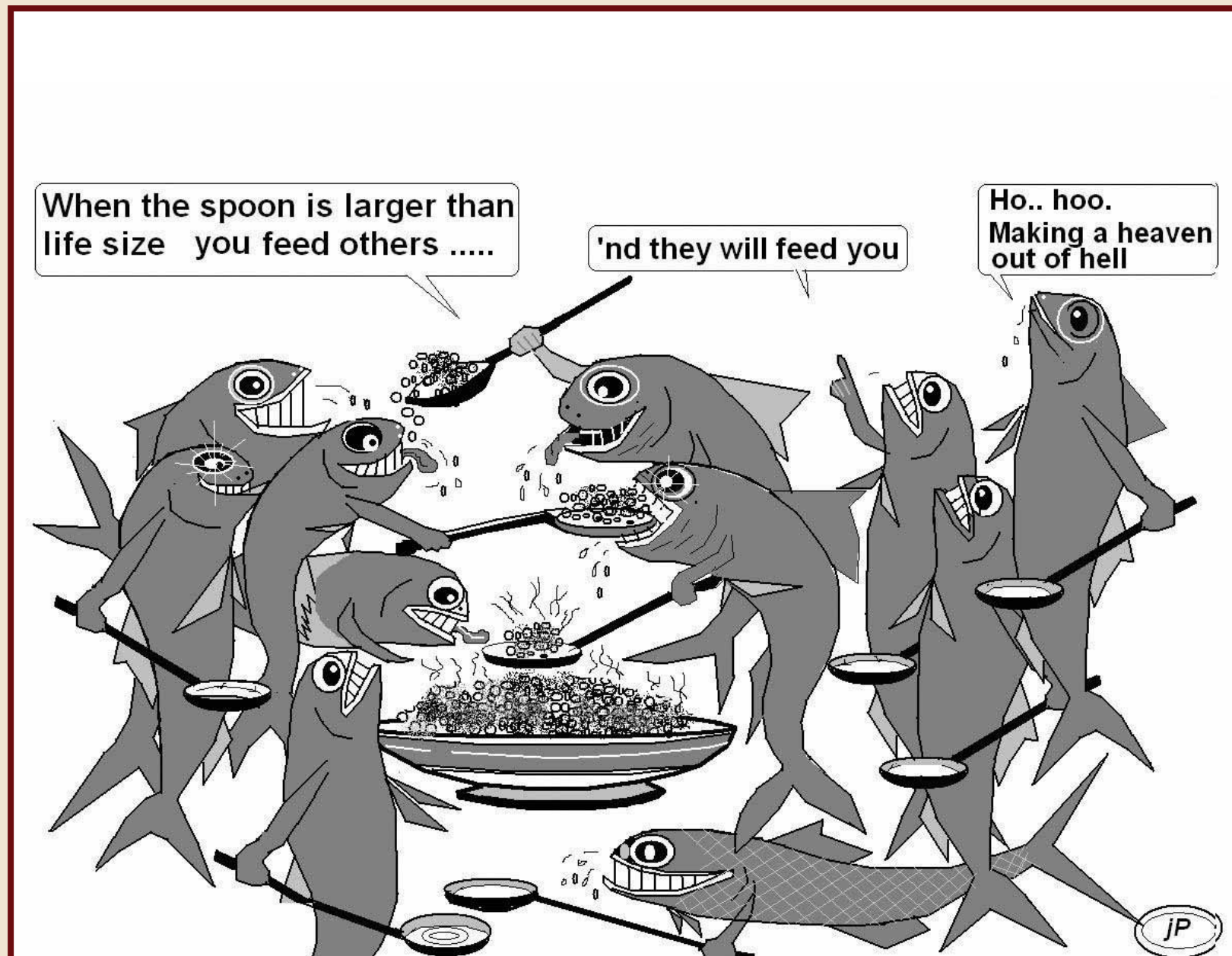


Glimpses of Indian Fisheries - A caricature

CMFRI SCUBA DIVERS - ON SOLVING CHALLENGES



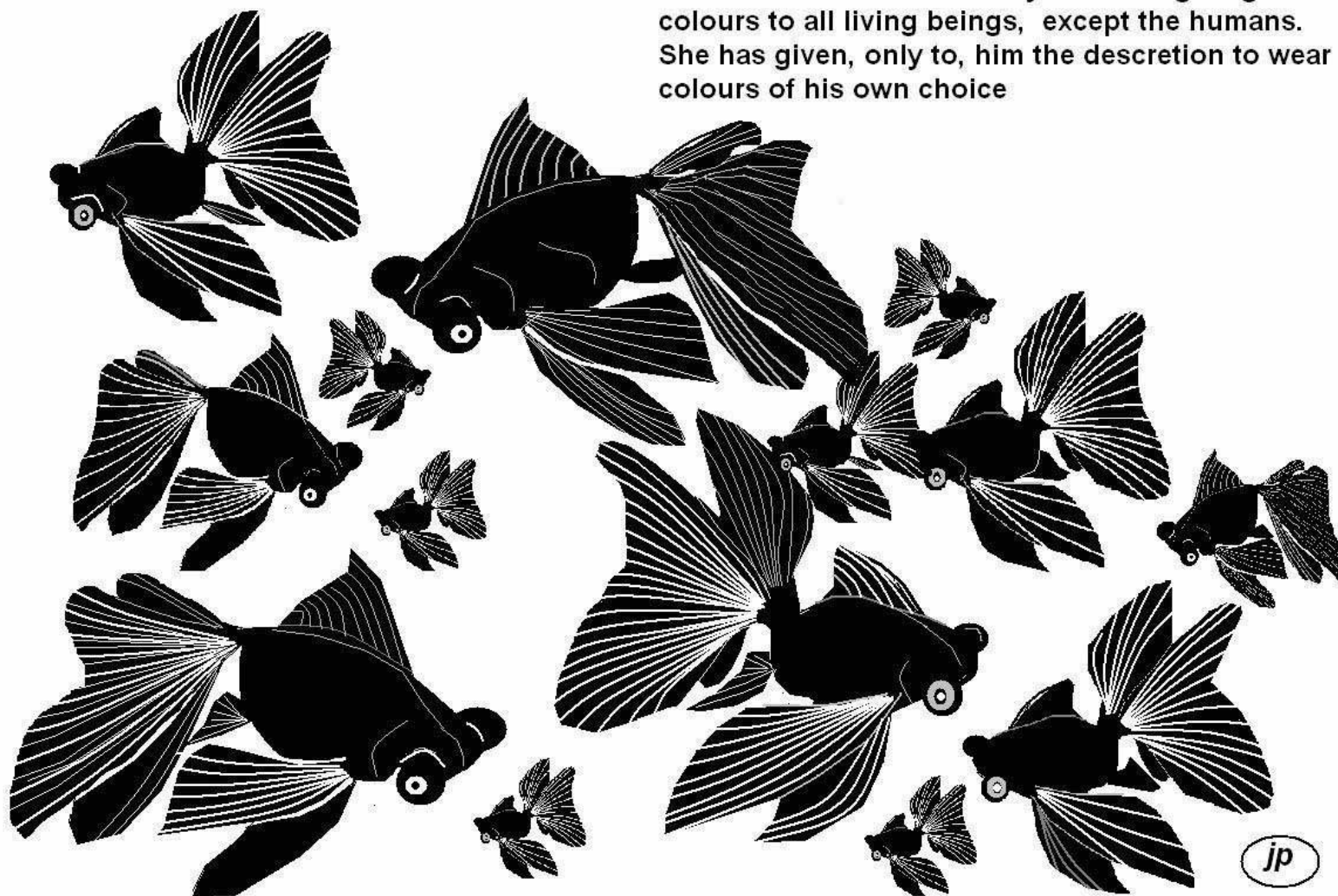
CRISIS MANAGEMENT



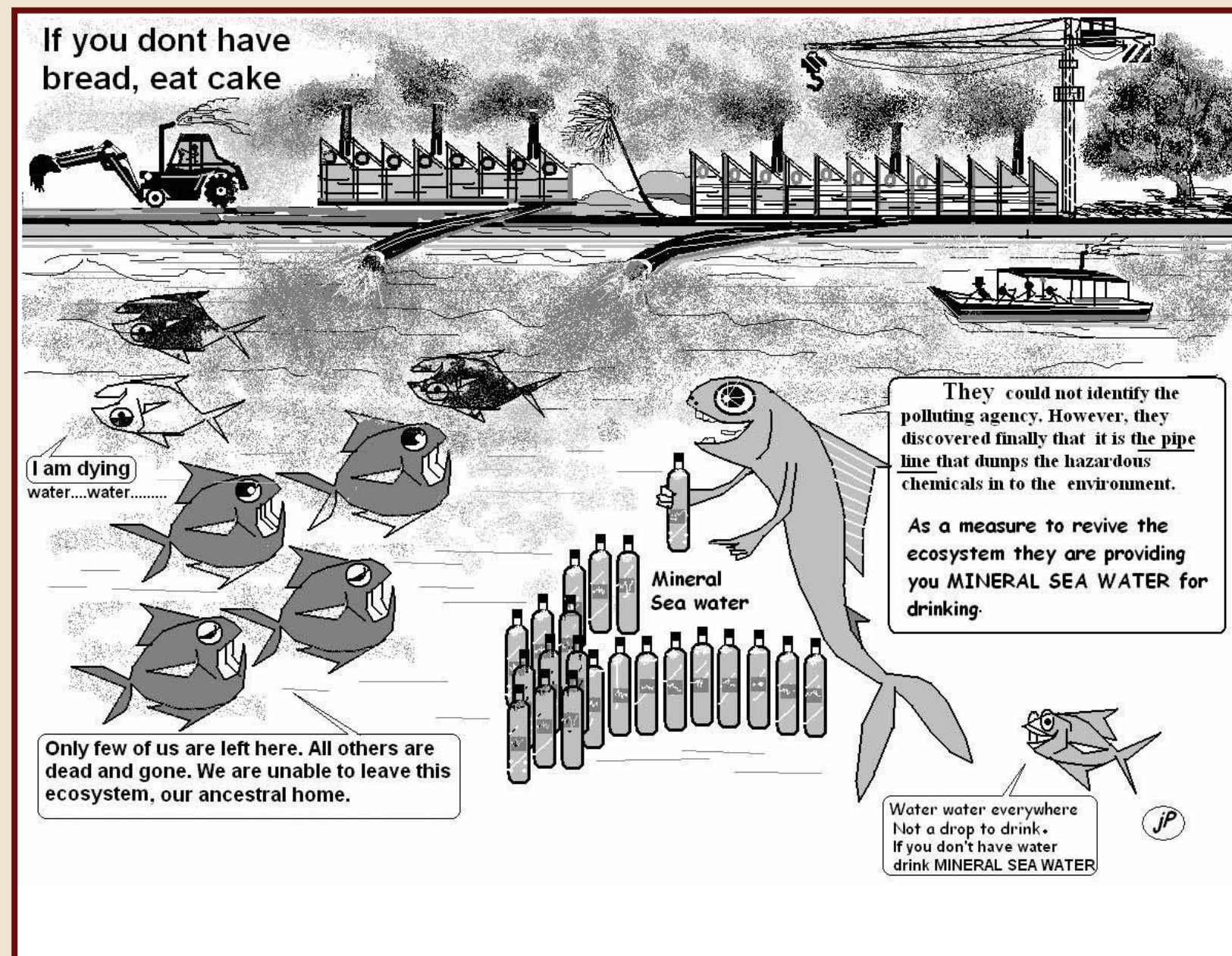
Glimpses of Indian Fisheries - A caricature

PONDER, WHAT ELSE MOTHER NATURE HASN'T GIVEN US

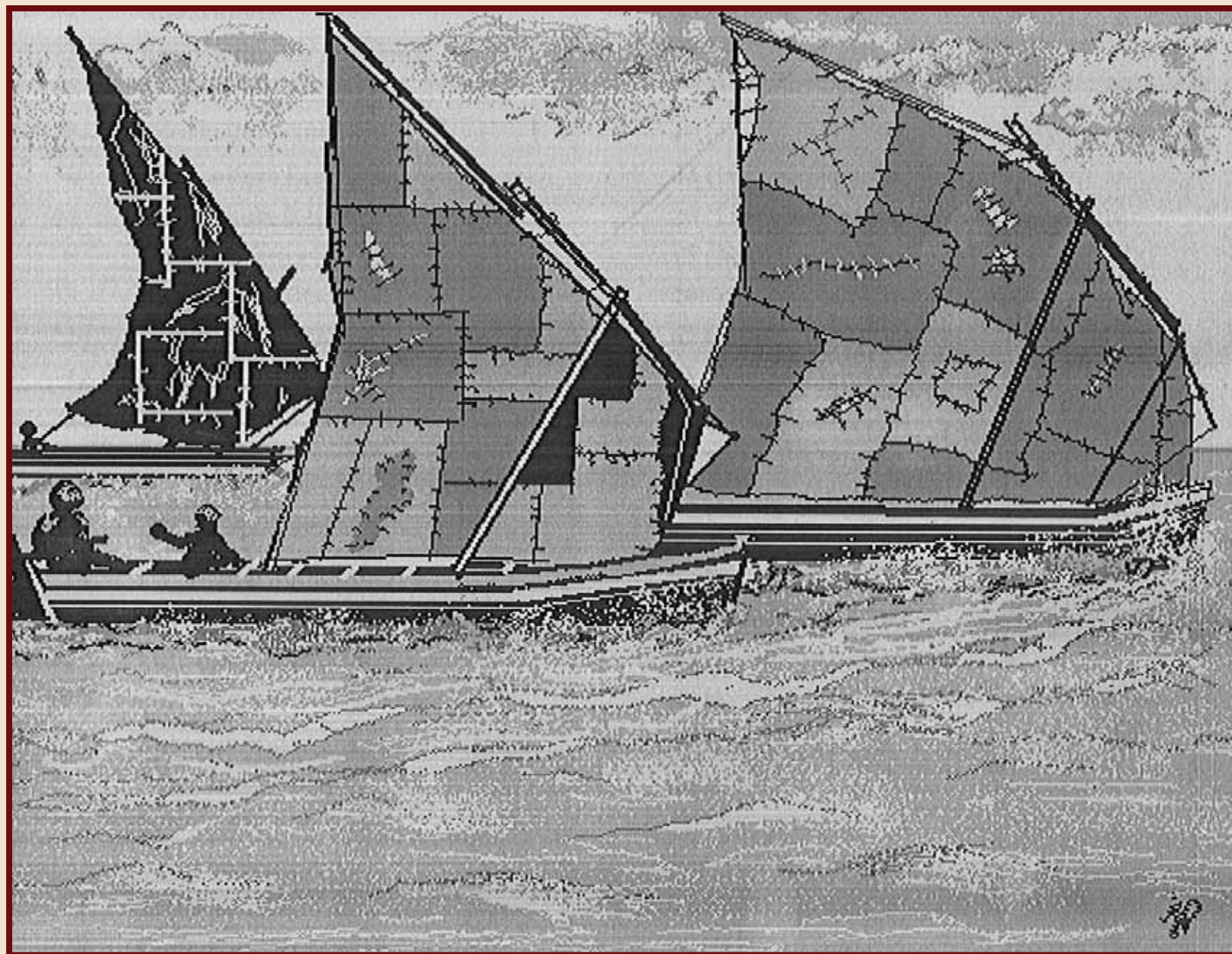
Mother nature has been very liberal in giving colours to all living beings, except the humans. She has given, only to, him the descretion to wear colours of his own choice



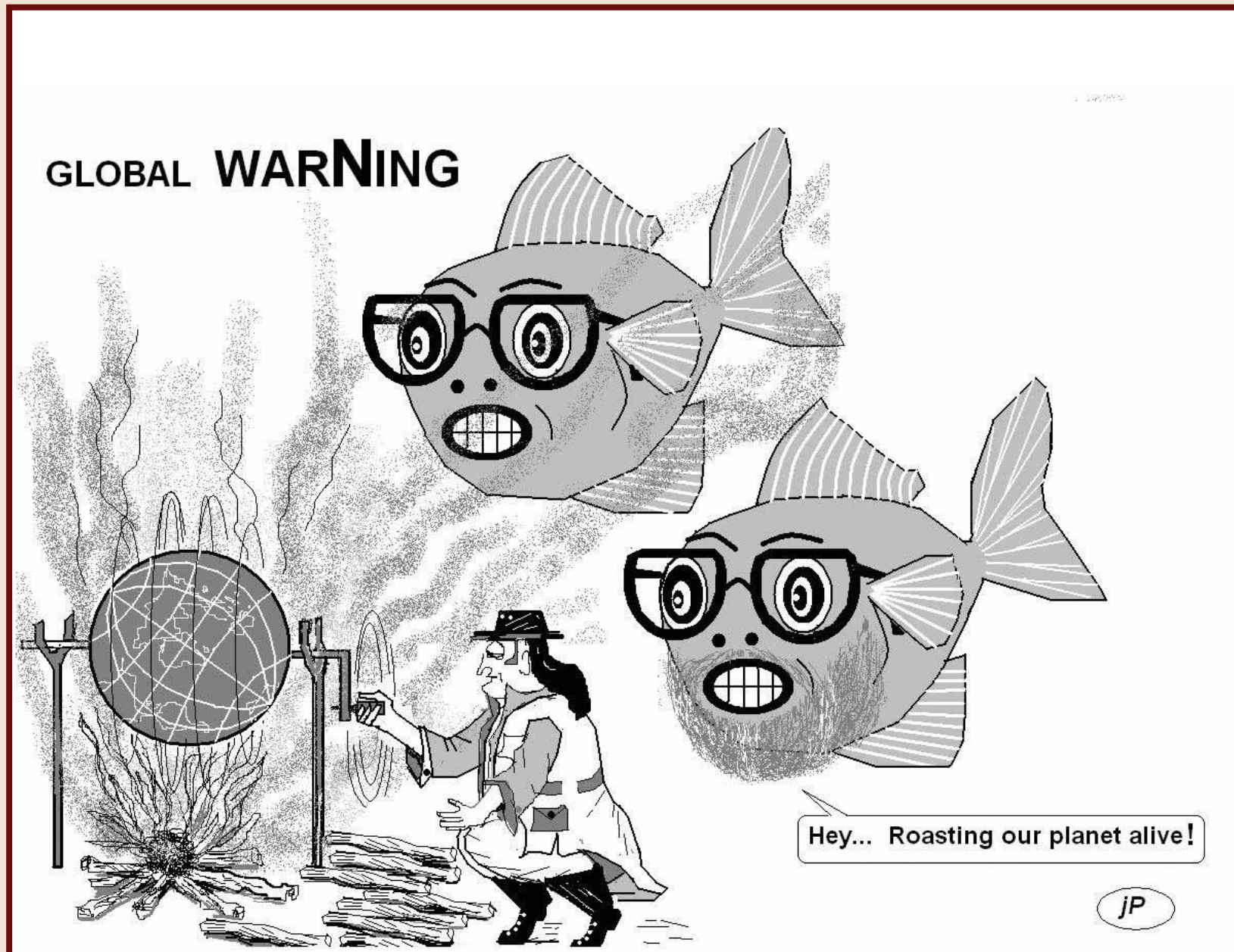
UNDAUNTED.
COASTAL POLLUTION THREAT TO BIODIVERSITY



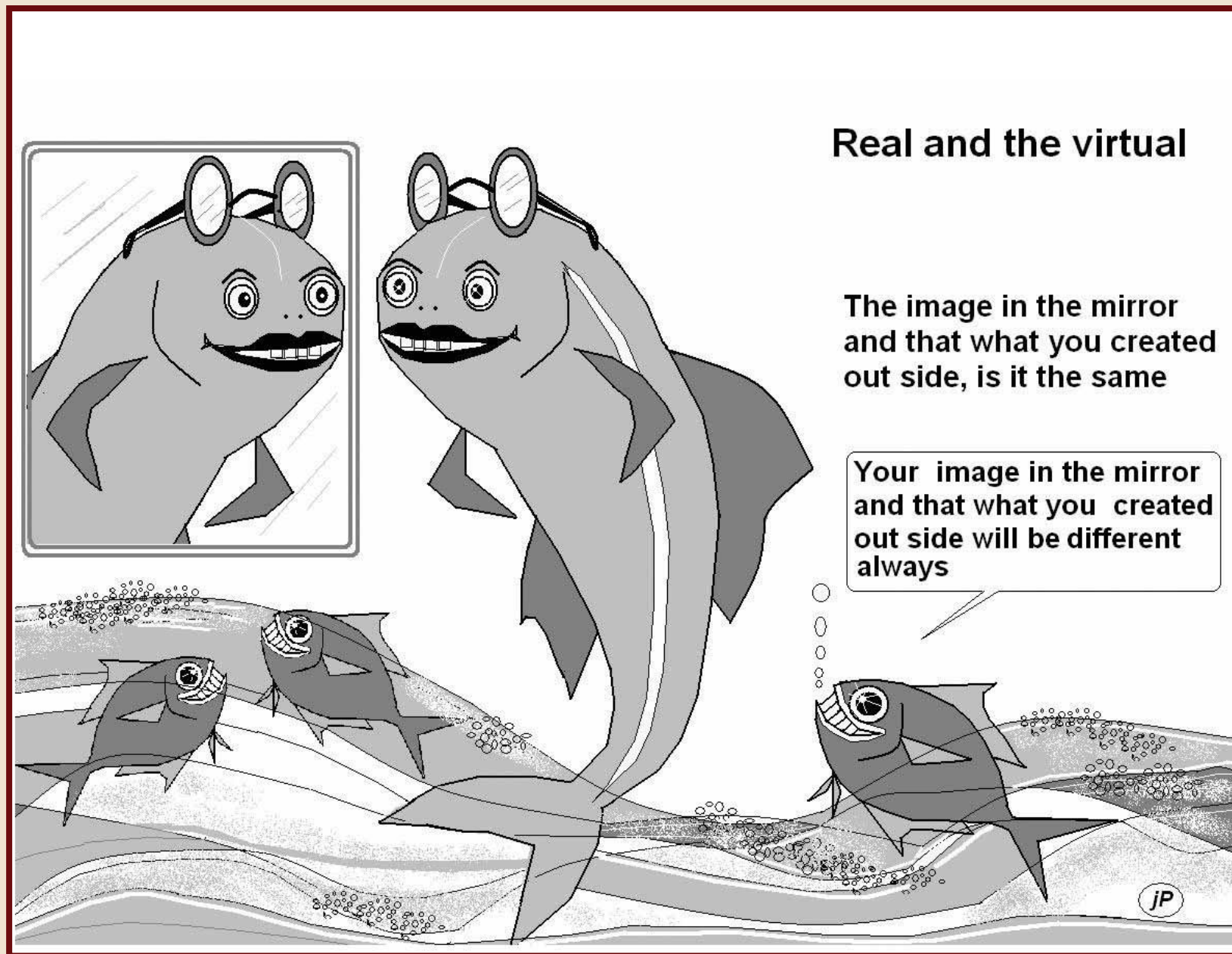
Glimpses of Indian Fisheries - A caricature



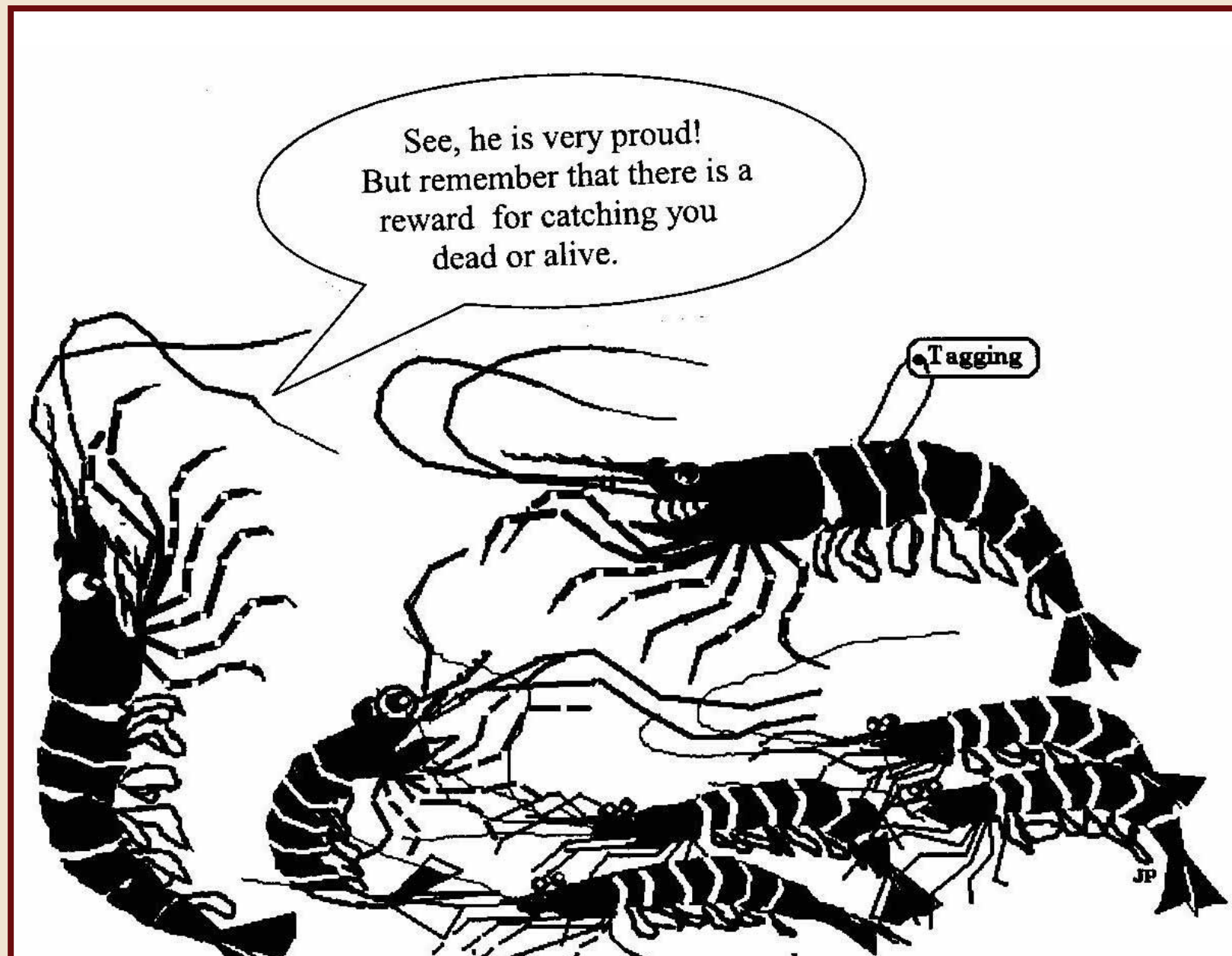
THIRTY YEARS AFTER THE LANDMARK MONTREAL TREATY



Glimpses of Indian Fisheries - A caricature

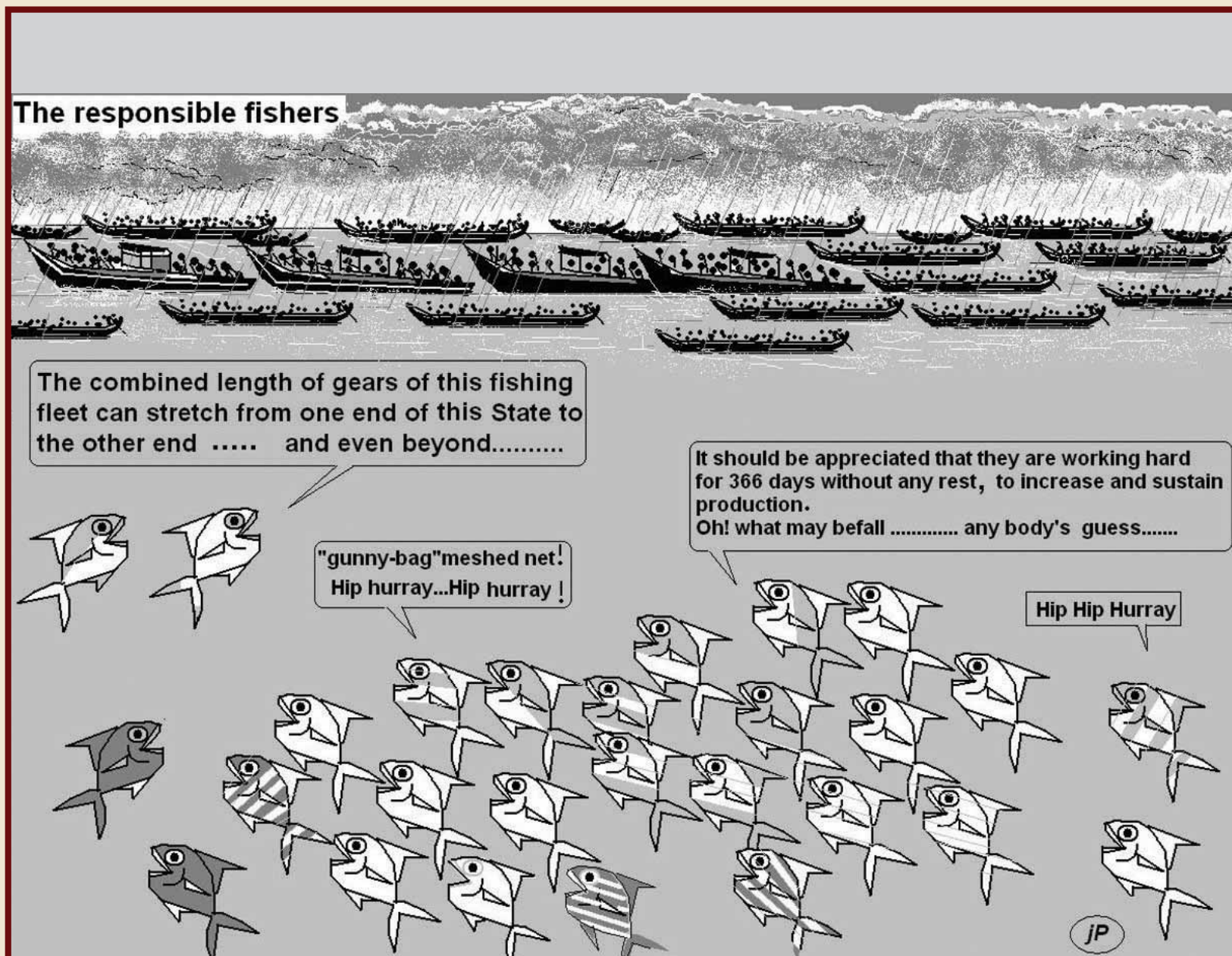


TAGGING - COMMERCIAL MARINE FINFISHES AND SHELL FISHES

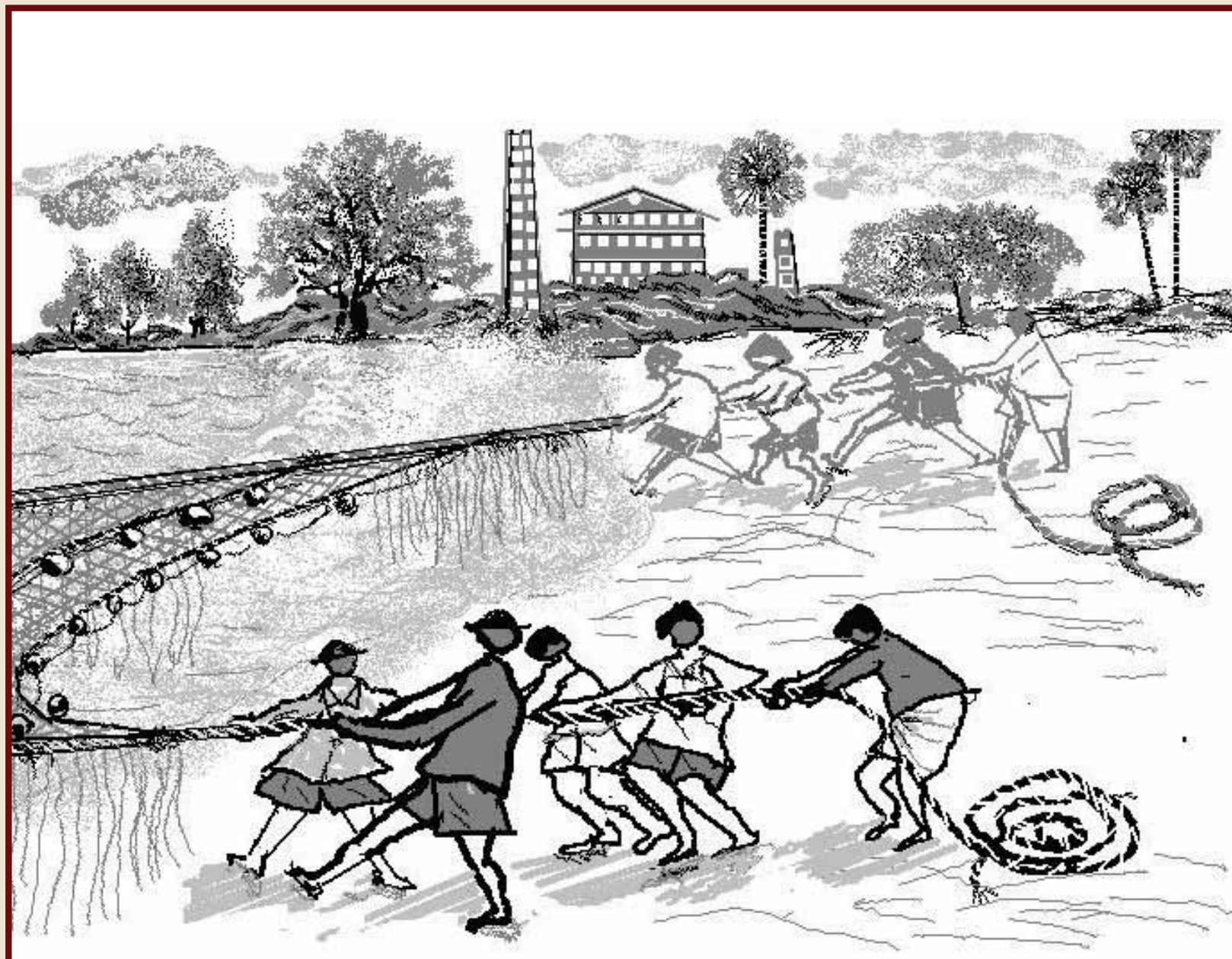


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ADOPT MESH SIZE REGULATION - CONSERVE RESOURCES

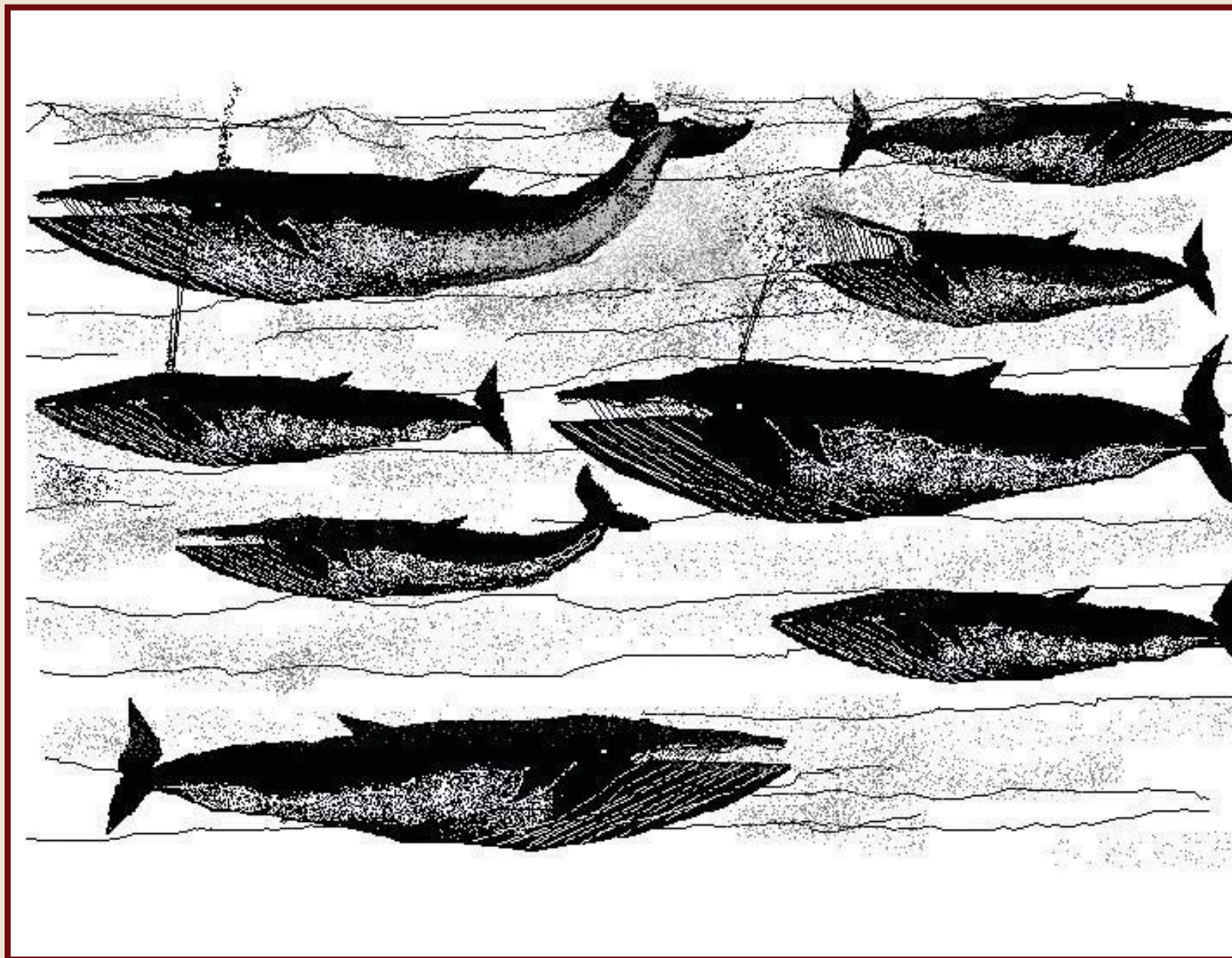


GHOST OF GOLDEN GOOSE ON PROWL
MANURE FISHING, CHICKEN FEED FISHING LEAVING LITTLE TO POSTERITY

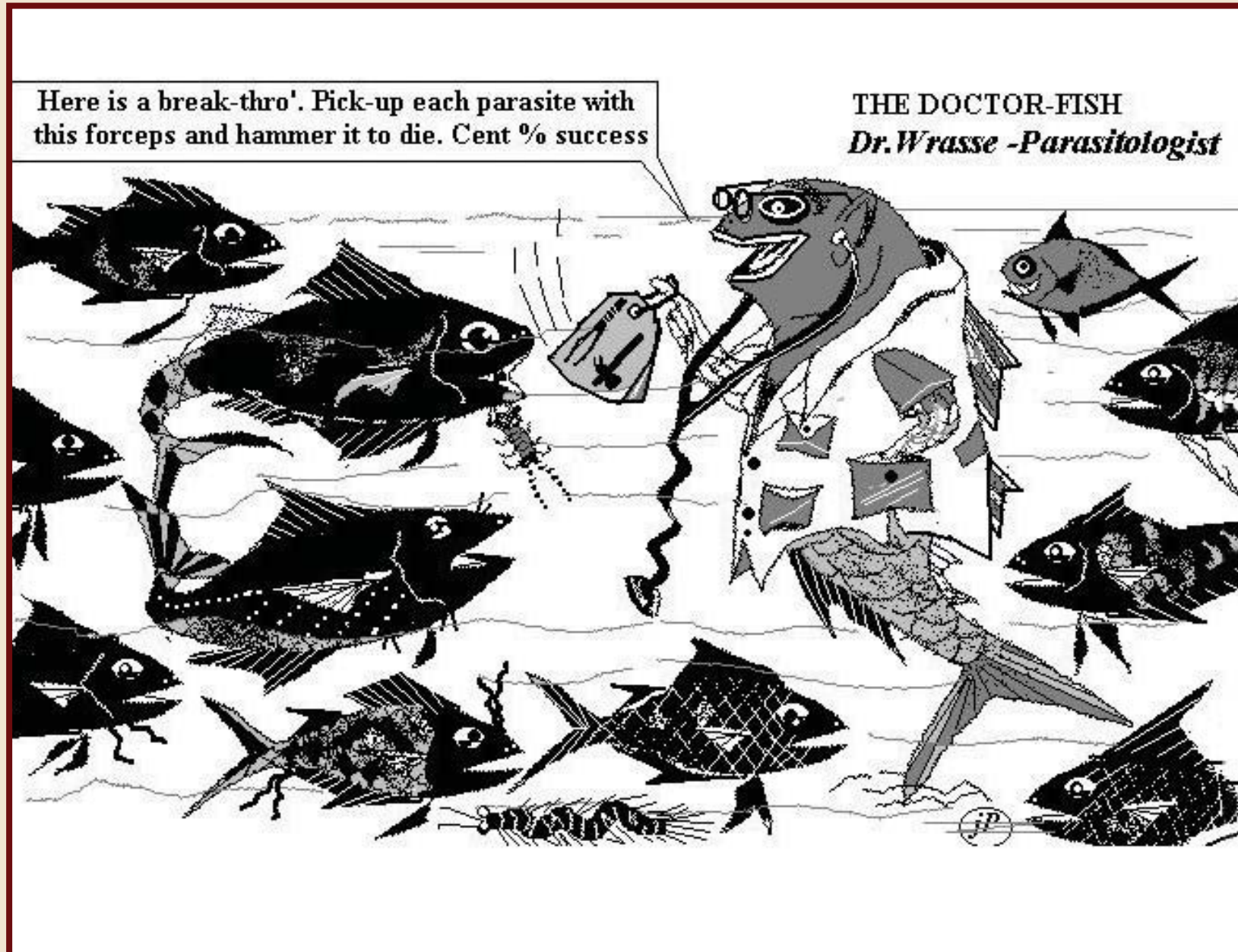


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SAFE HAVEN
UNLIKE IN OTHER SEAS WE ARE SAFE
AND NOT HUNTED IN INDIAN SEAS



THE WRASSES CLEAN ECTOPARASITES ON OTHER FISHES

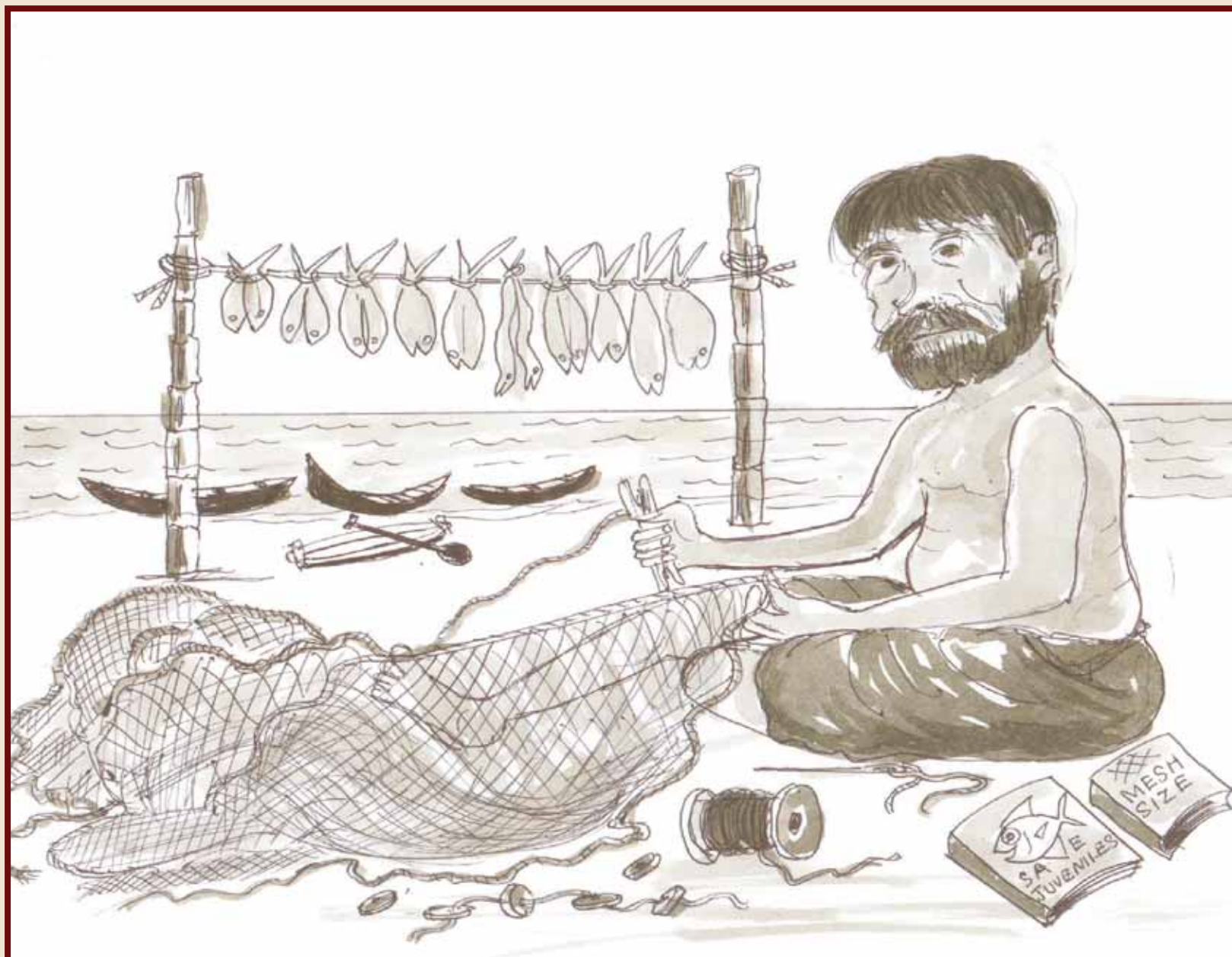


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THE GM FRANKENSTEIN AFTER ITS CREATOR



ON BEING A RESPONSIBLE FISHER MENDING GEAR TO AVOID JUVENILES, YOUNG FISHES AND SOAOWNERS



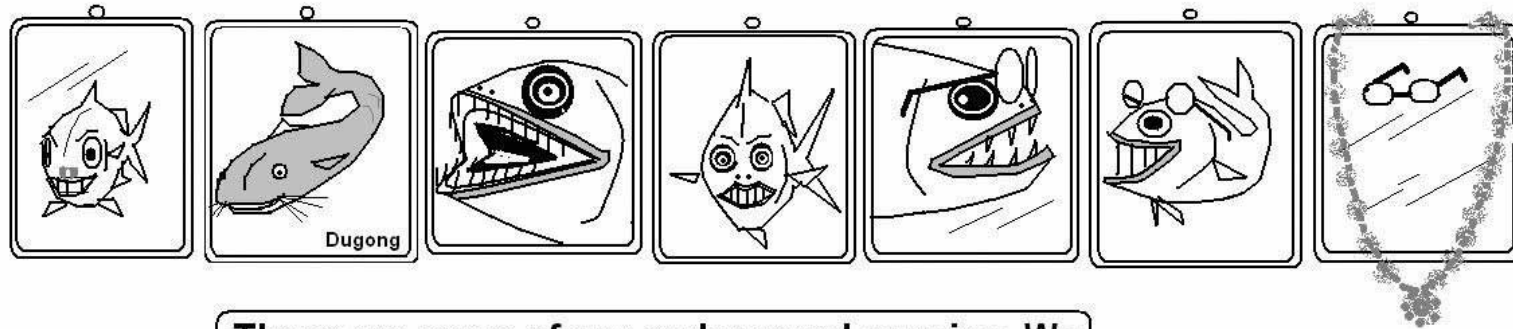
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CODE OF CONDUCT FOR ALIENS.
LEAVE US ALONE HERE

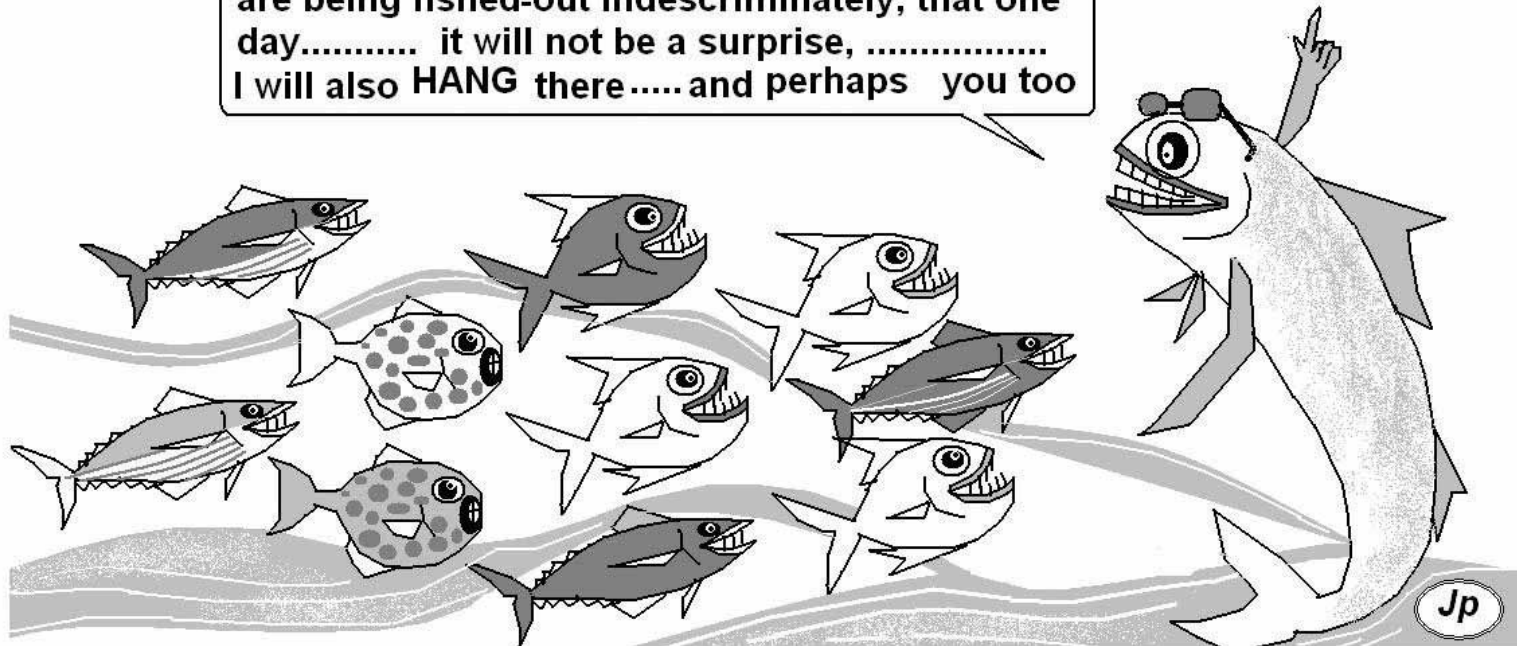


HUNTED TO EXTINCTION. INDESCRIMINATE
FISHING - TODAY ME TOMORROW YOU

Museum Gallery



These are some of our endangered cousins. We are being fished-out indiscriminately, that one day..... it will not be a surprise, I will also HANG there.....and perhaps you too



POLE AND LINE FISHING - SKIPJACK TUNA IN LAKSHADWEEP

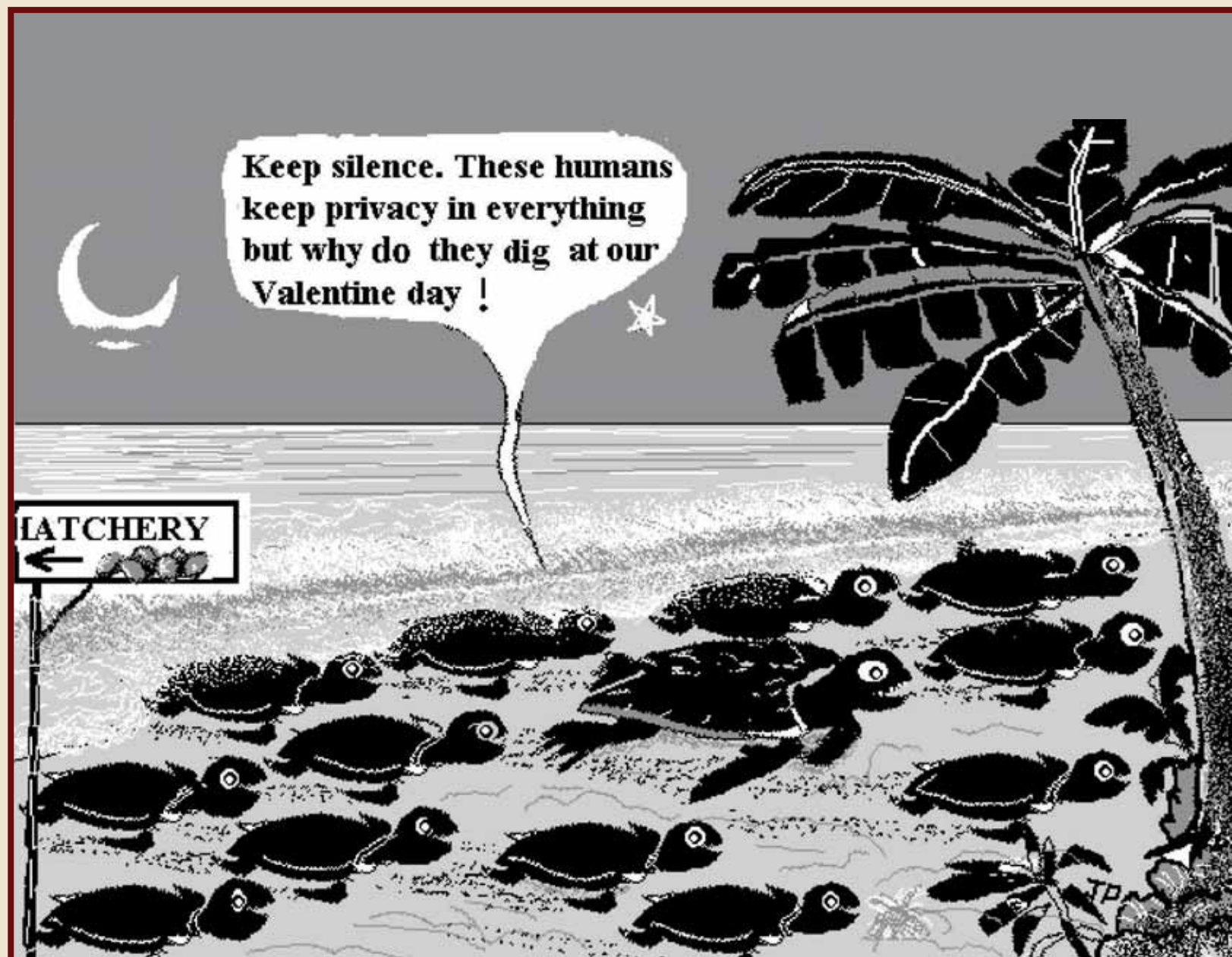


INITIAL FROWN

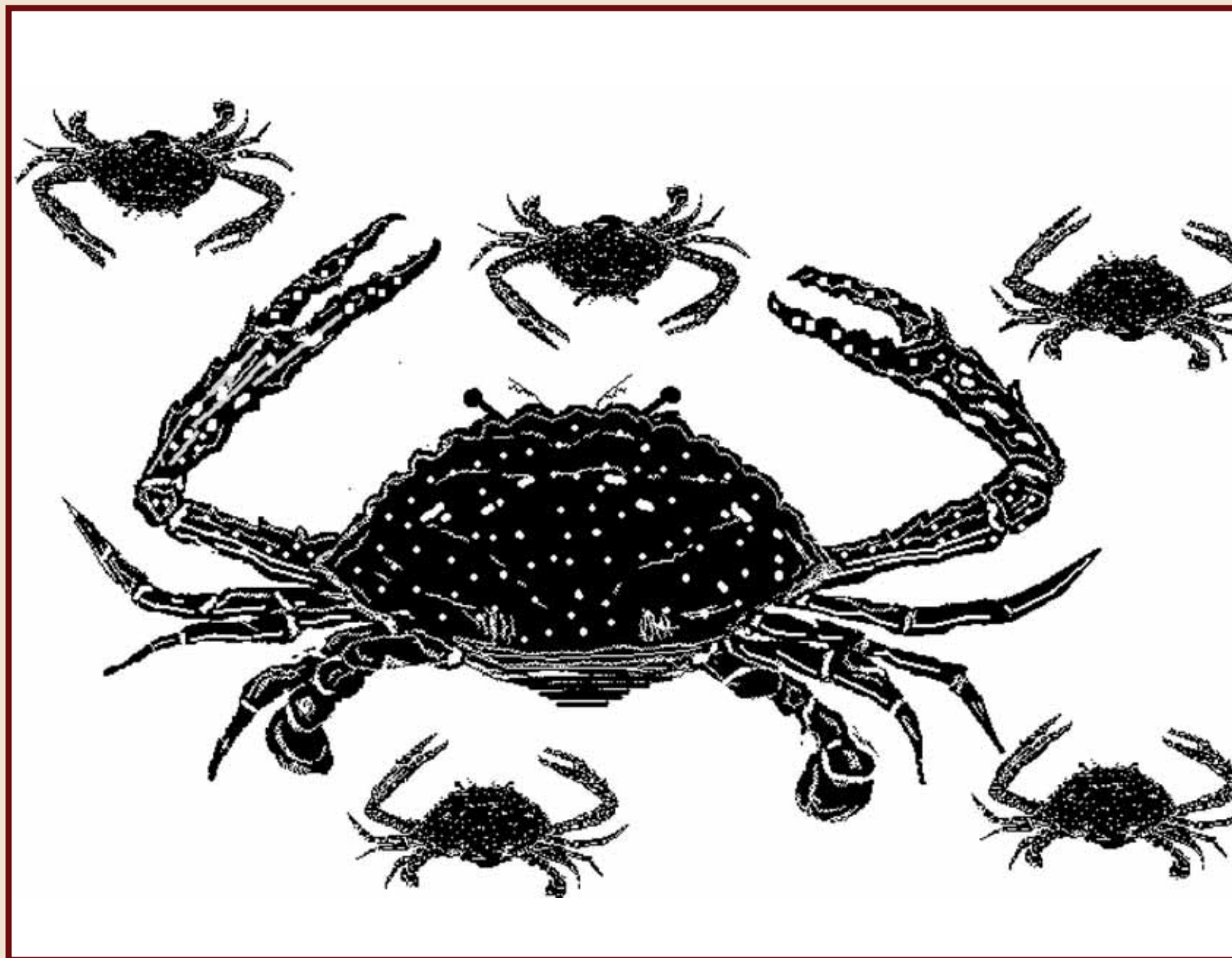
CLOWN FISHES HAND PICKED FOR BREEDING IN POSH CONFINEMENT



MASS NESTING TURTLES - BHITAKANIKA GAHIRMATHA BEACH

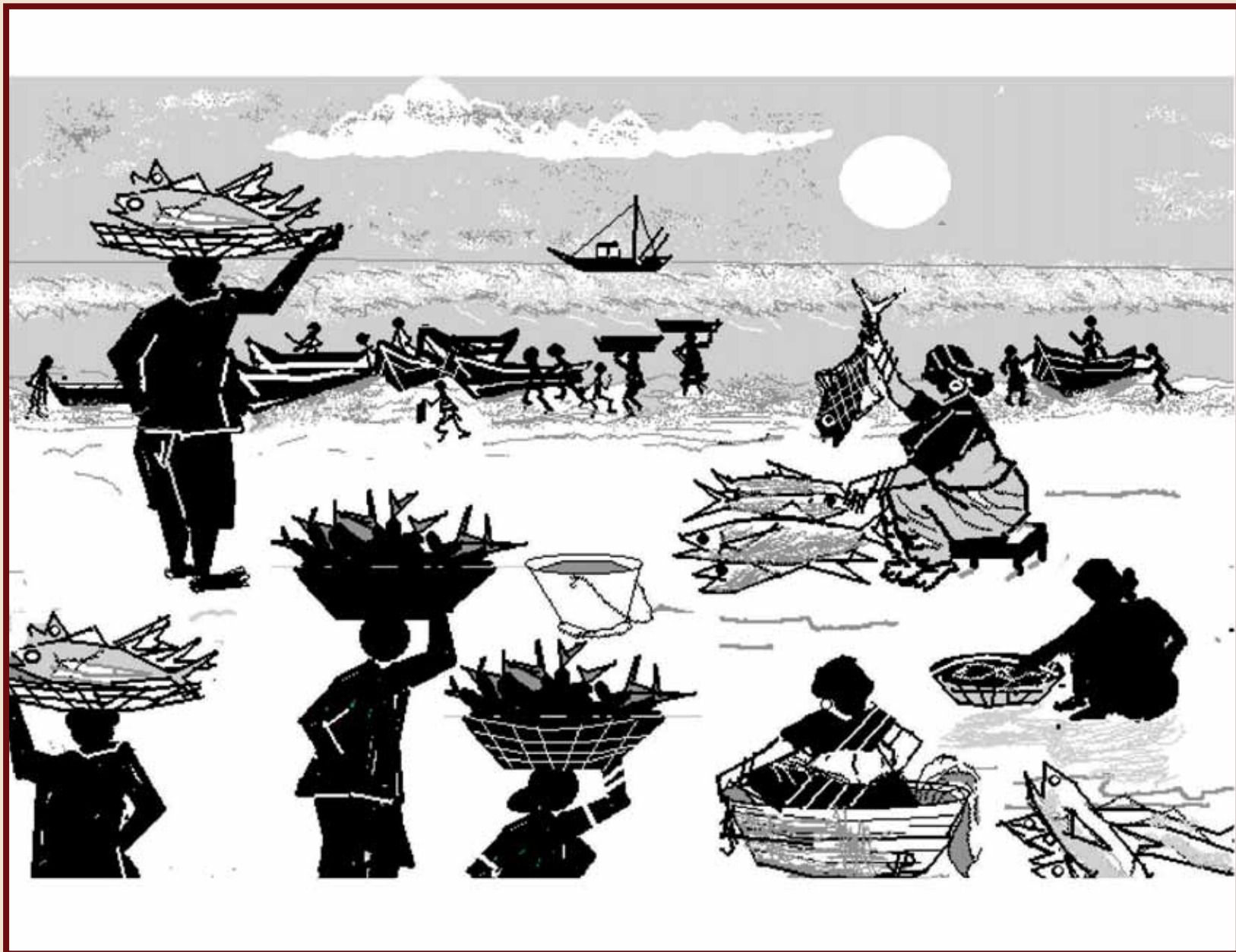


ONCE A POOR MAN'S CHOICE NOW ON TO SILVER PLATTER



Glimpses of Indian Fisheries - A caricature

FISHING INDUSTRY PROVIDES EMPLOYMENT TO MILLIONS



FEMALES A HAPPY LOT.
MILES OF SEA SHORES CARRY THE EGGS NO WONDER
THERE IS AN INTERNATIONAL DAY FOR MEN



Glimpses of Indian Fisheries - A caricature



GOOD PROSPECTS FOR OCEANIC TUNA FISHING

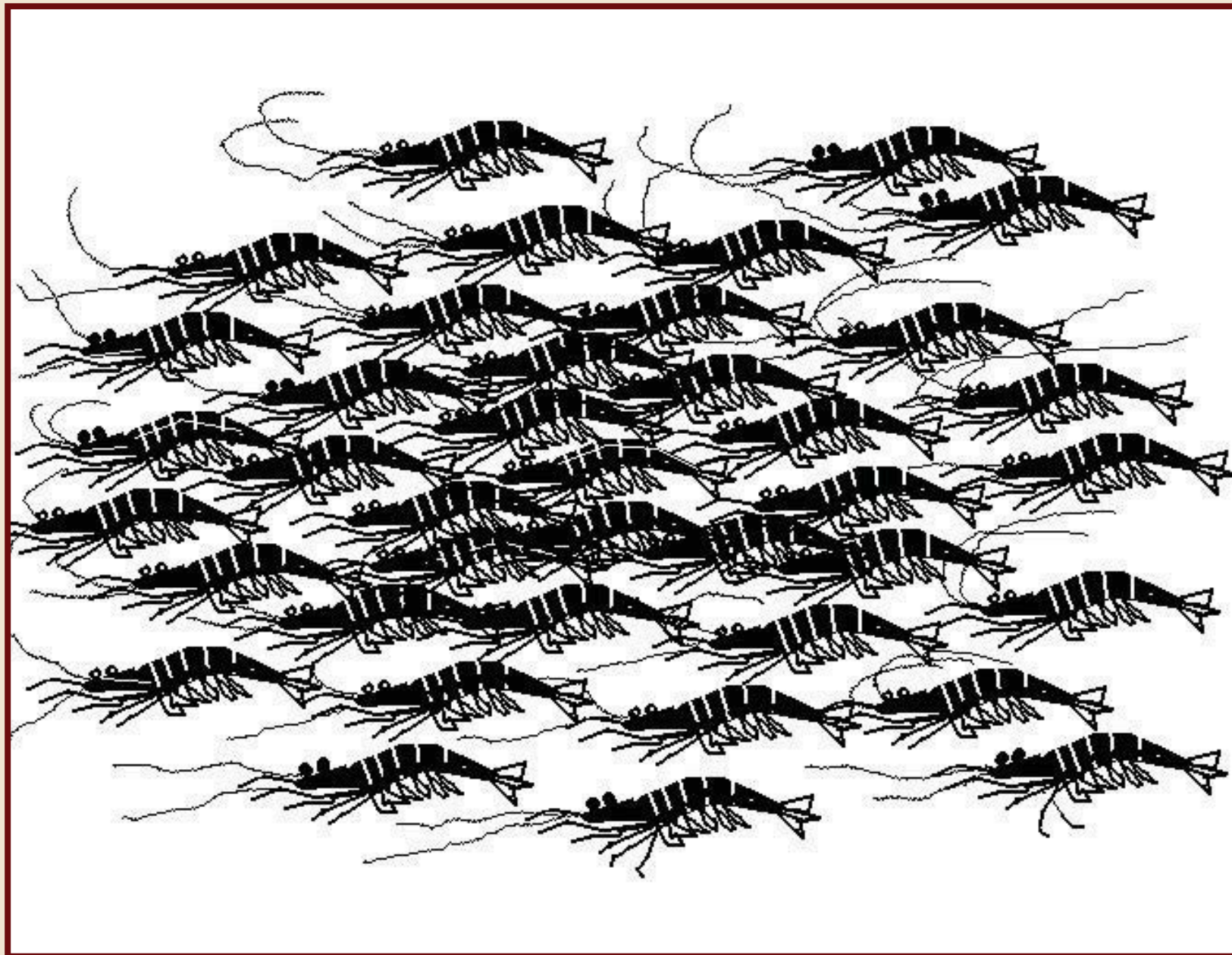


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SWARMS OF PUFFER FISHES 'N' TRIGGER FISHES
A NIGHTMARE TO FISHERMEN. SO ALSO ARE THE
JELLY-FISHES, AND IN BACKWATERS THE AFRICAN WEED



TAGGED PRAWNS RELEASED OFF COCHIN RECOVERED OFF TUTICORIN



Glimpses of Indian Fisheries - A caricature

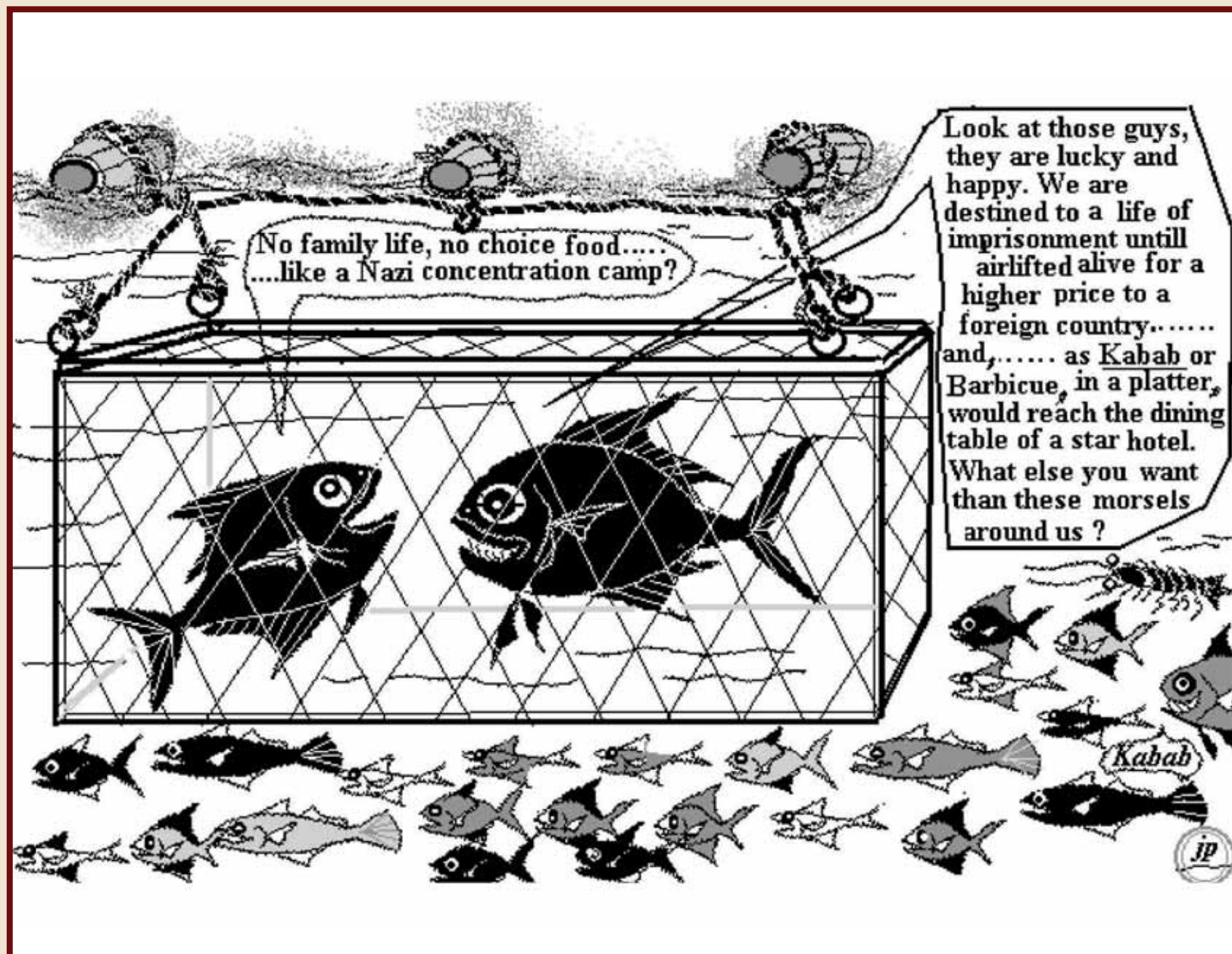


GOD - SENT \CONSERVATIONISTS

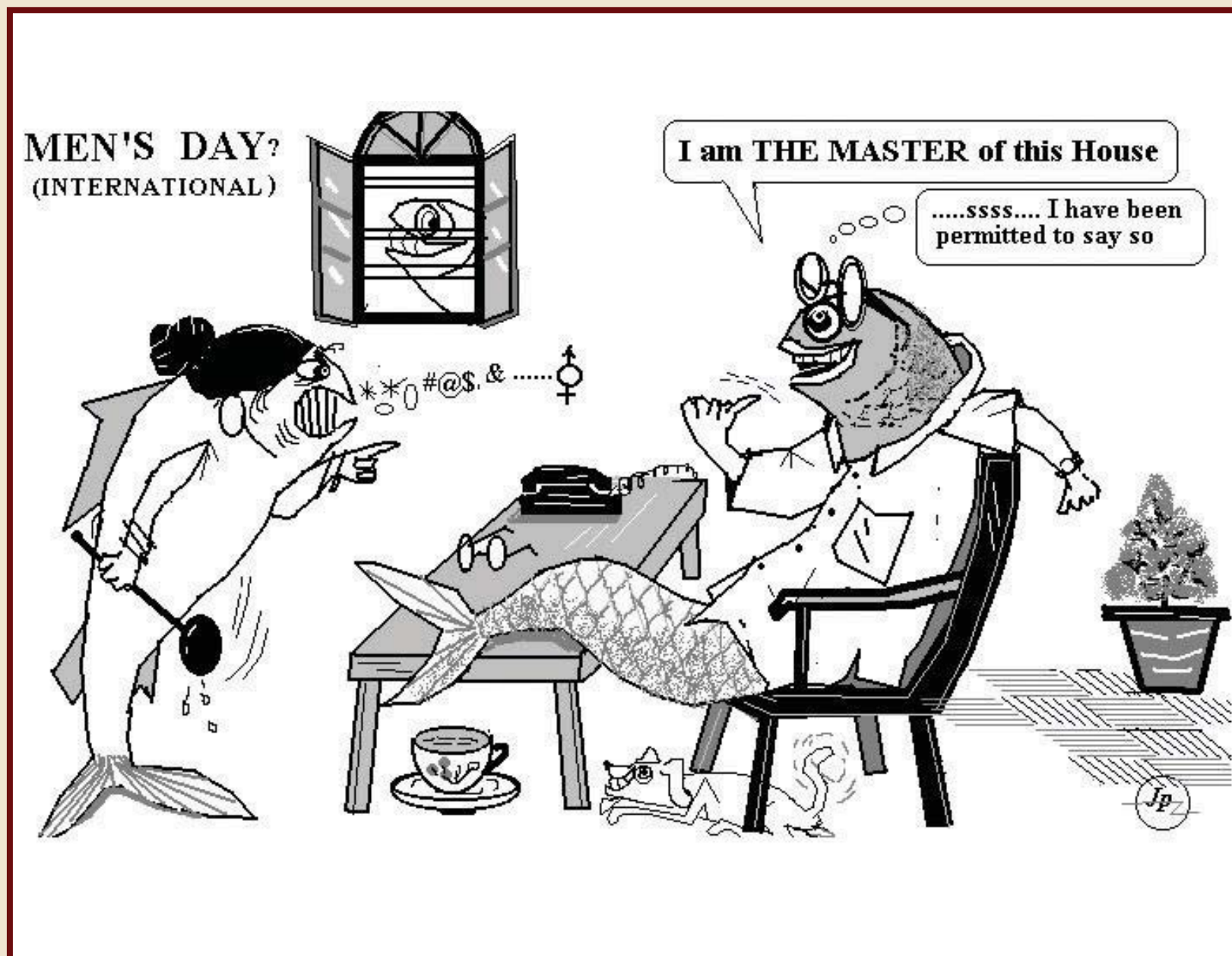


Glimpses of Indian Fisheries - A caricature

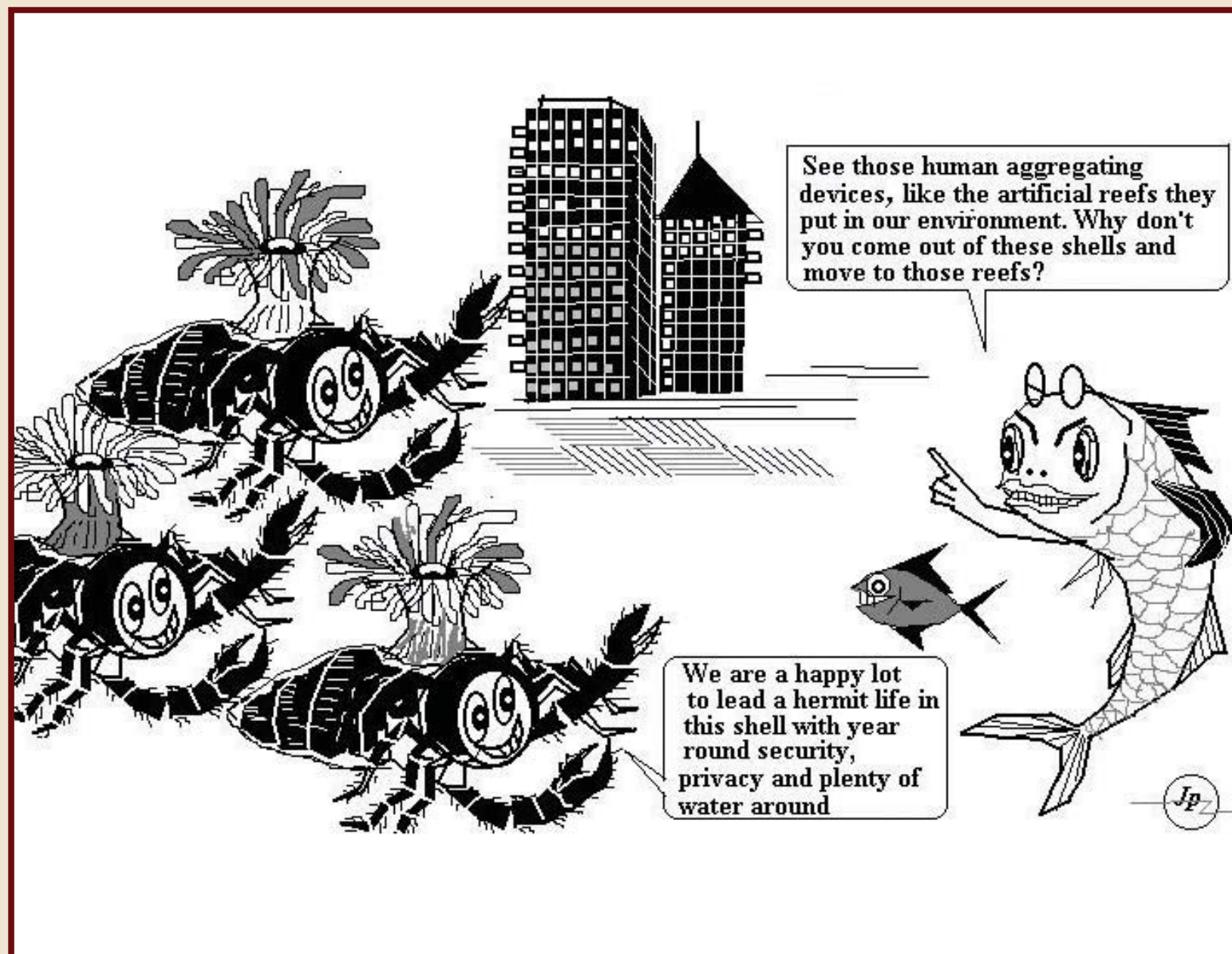
CAGE FISHING A SUCCESS STORY / THANKS TO CMFRI



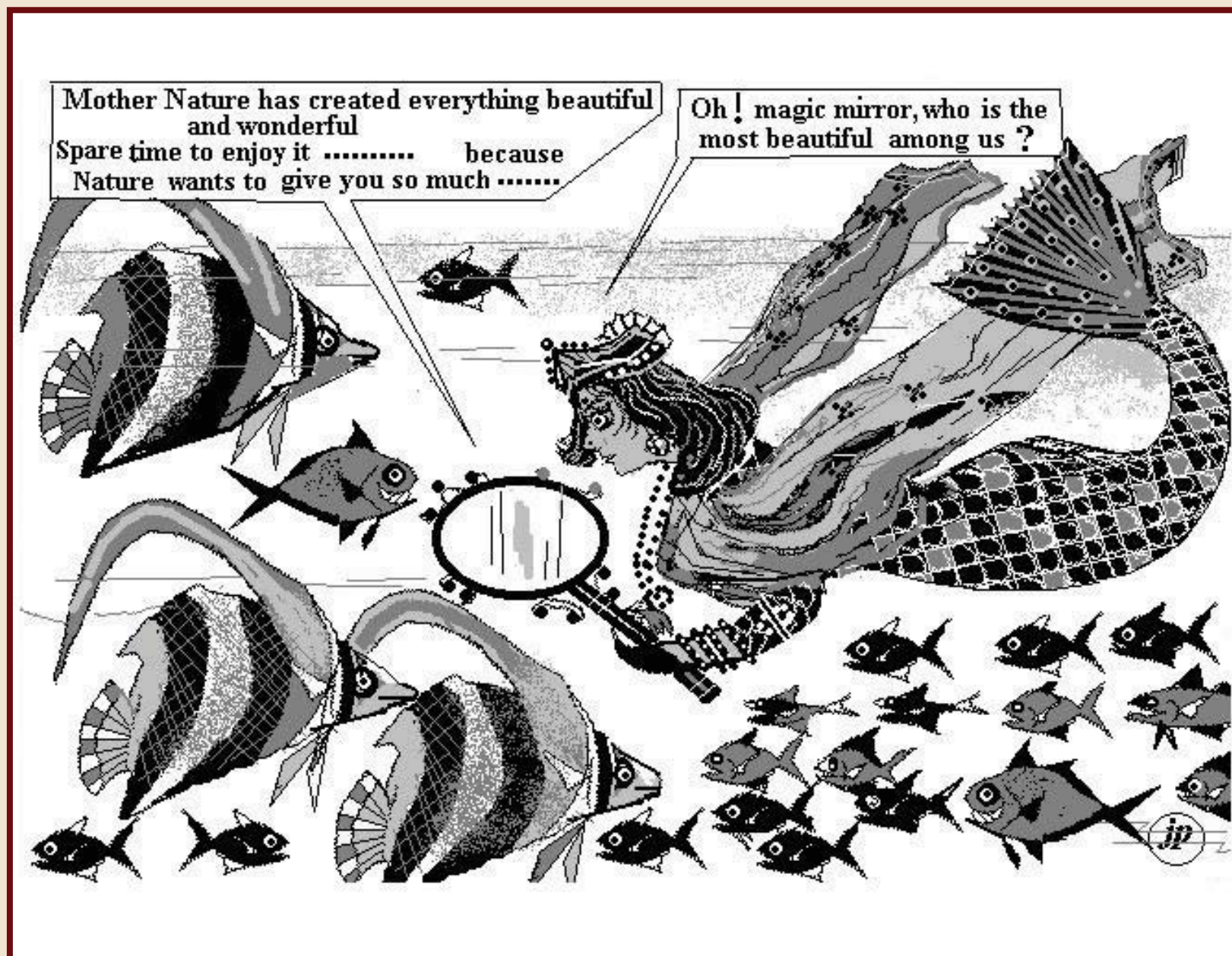
GENUINE CLAIM - 19TH NOV. INTERNATIONAL MEN'S DAY



Glimpses of Indian Fisheries - A caricature

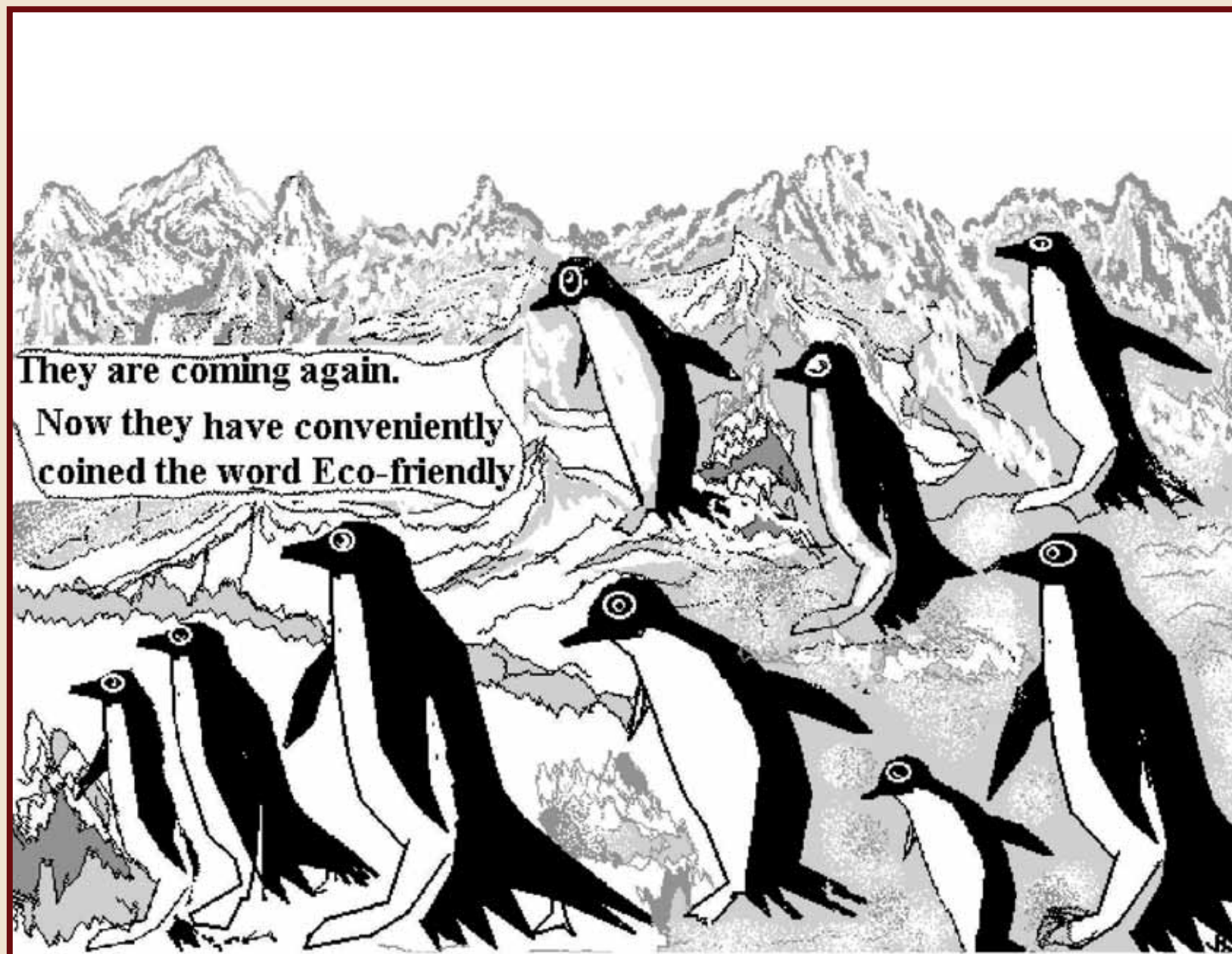


NATURE CREATED EVERYTHING WITH A PURPOSE

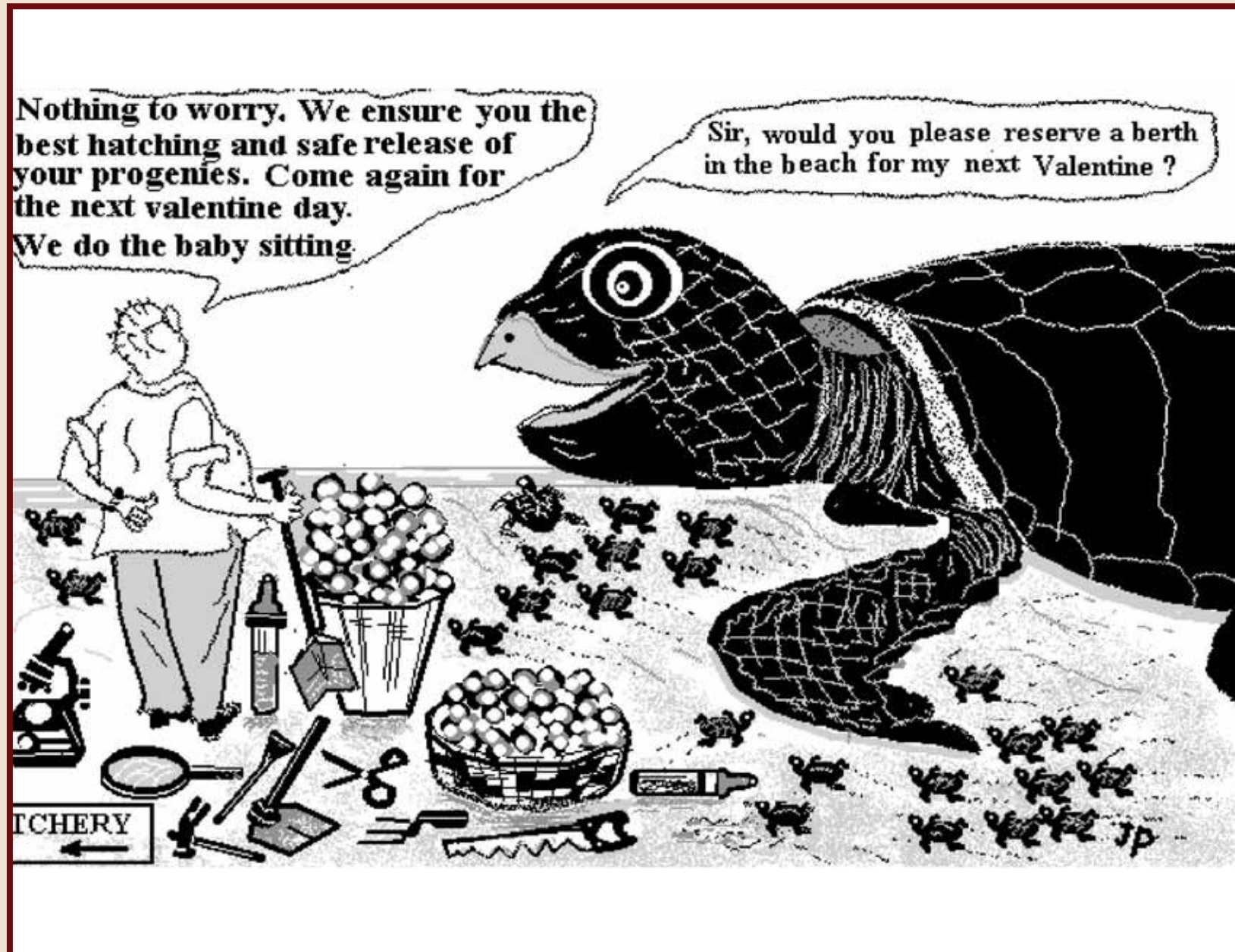


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PENGUINS SQUIRM AT THE SIGHT OF ALIENS

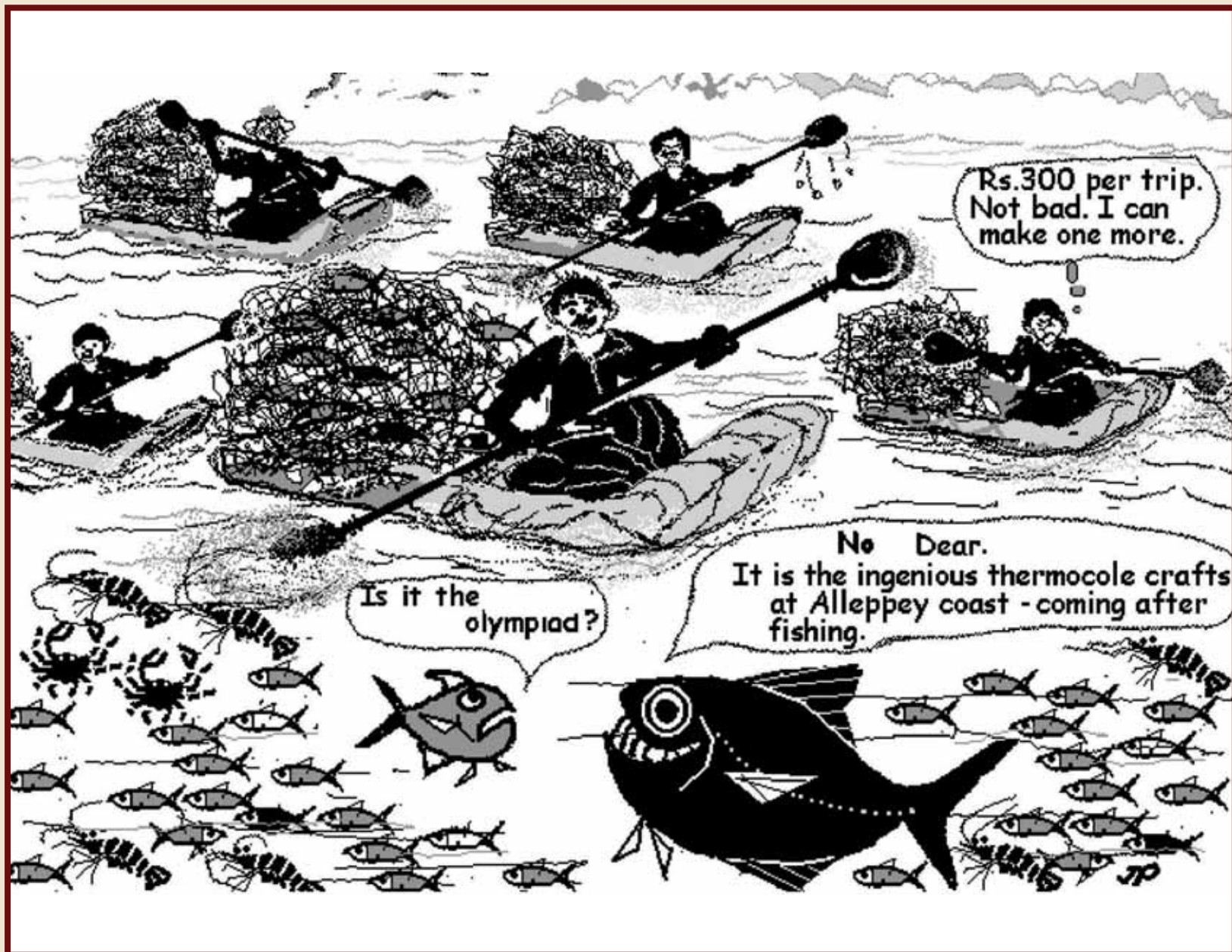


CONSERVATION - MASS NESTING OF MARINE TURTLES

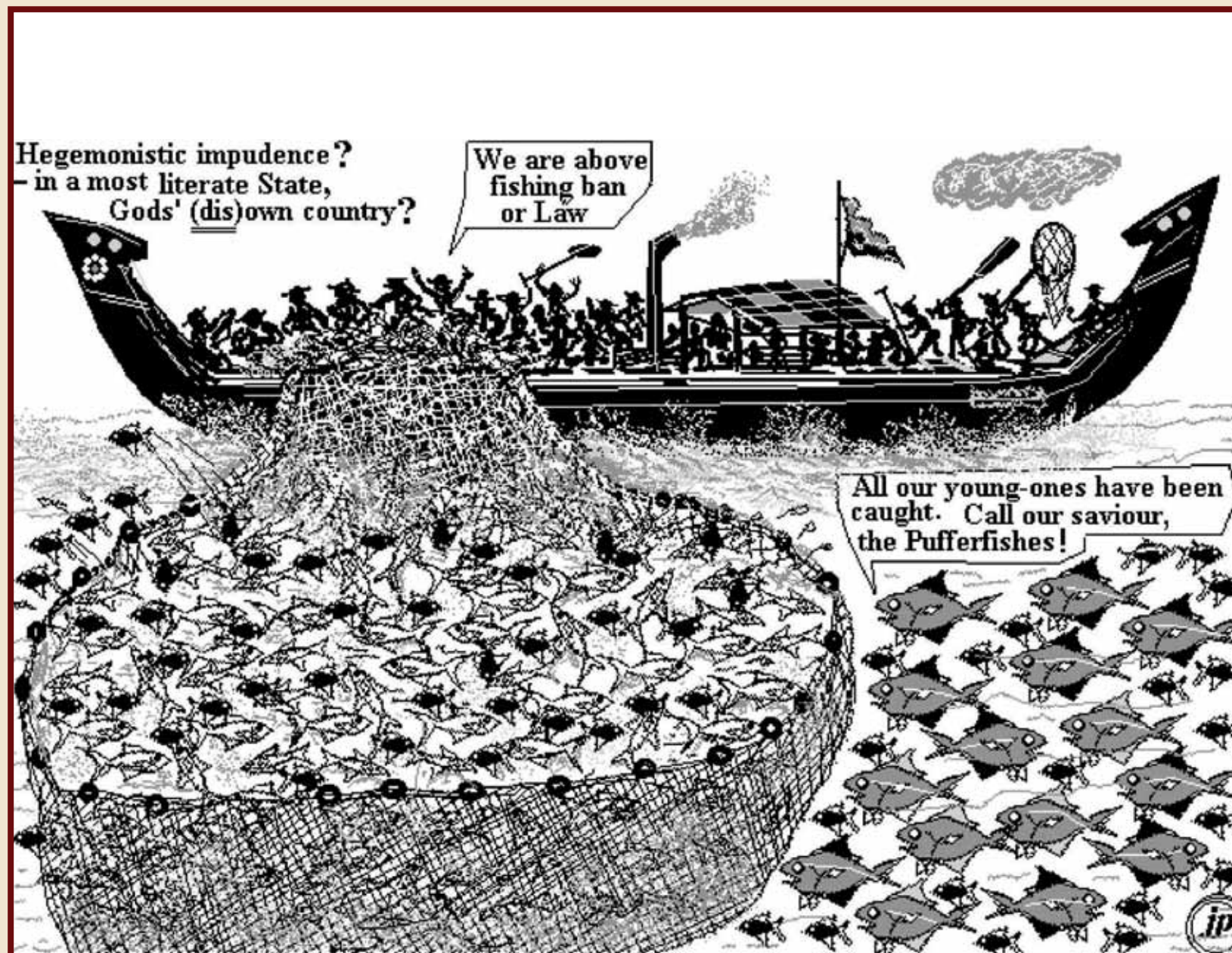


Glimpses of Indian Fisheries - A caricature

NOT OLYMPIAD! INDIGENOUS THERMOCOOL
CRAFT RETURN SHORE AFTER FISHING



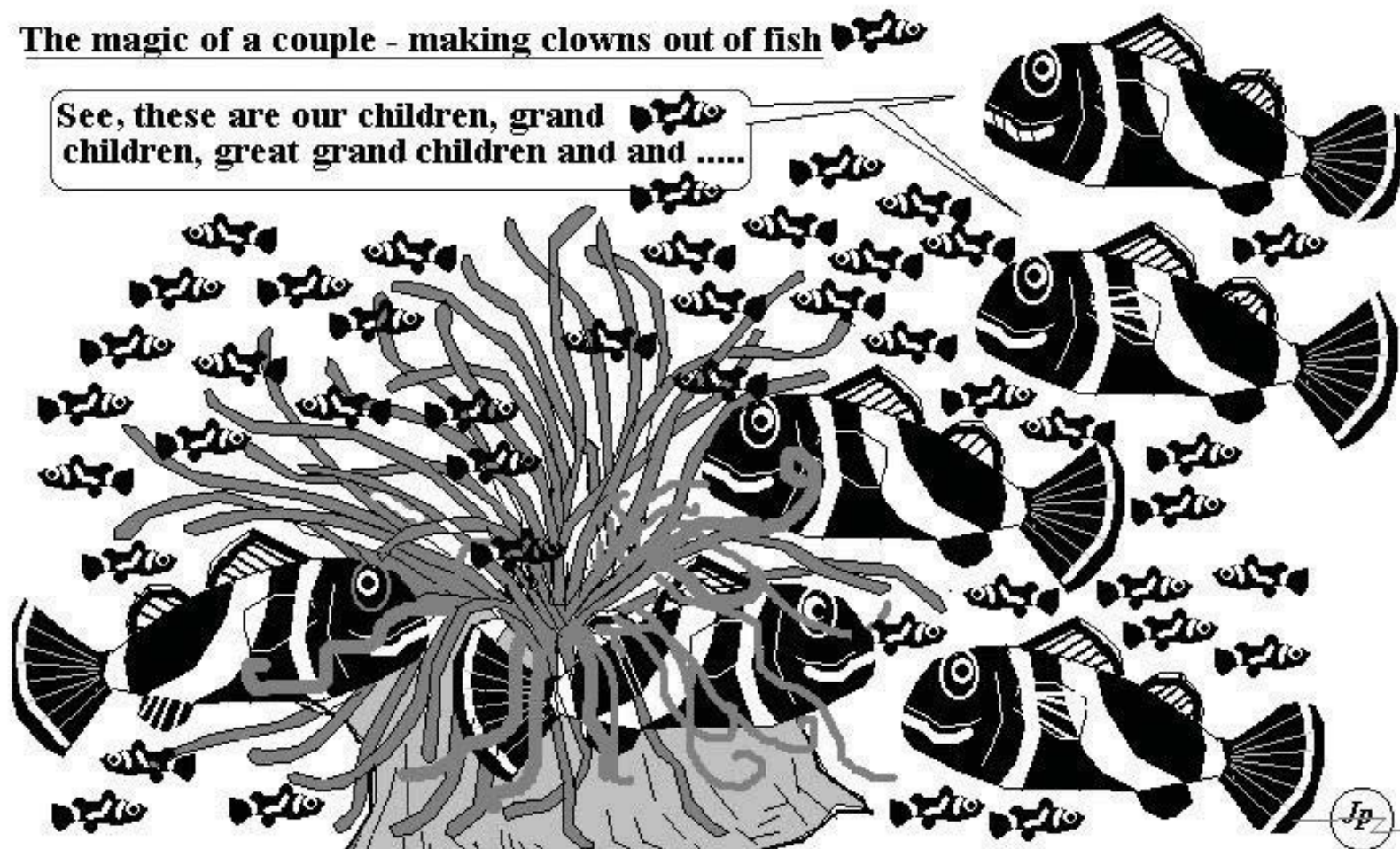
HEGEMONIC IMPUDENCE.
YOUNG FISHES JUVENILES CAUGHT FOR MANURE
AND CHICKEN FEED WORTH CRORES OF RUPEES. FOOD SECURITY THREAT



Glimpses of Indian Fisheries - A caricature

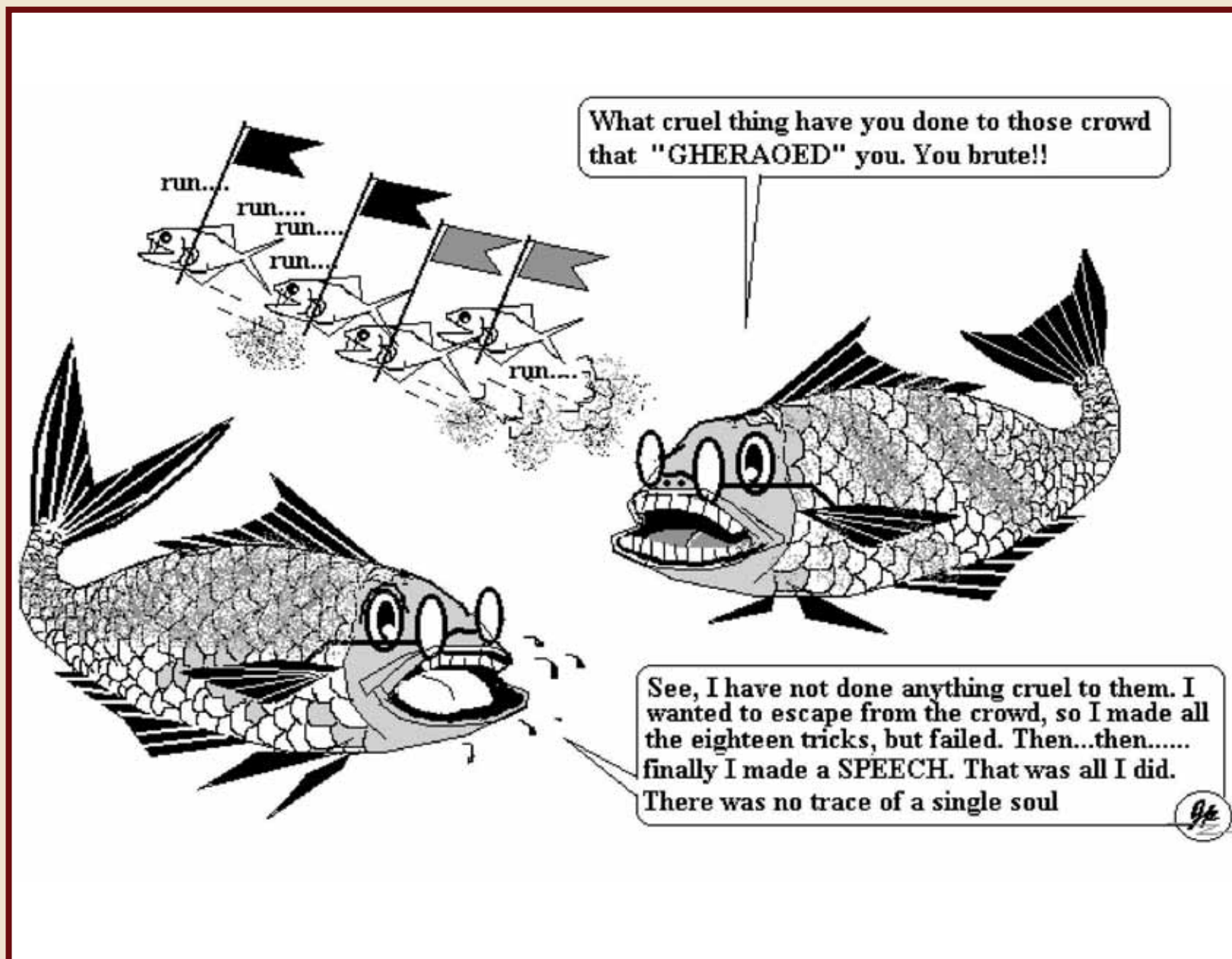
The magic of a couple - making clowns out of fish

See, these are our children, grand children, great grand children and and

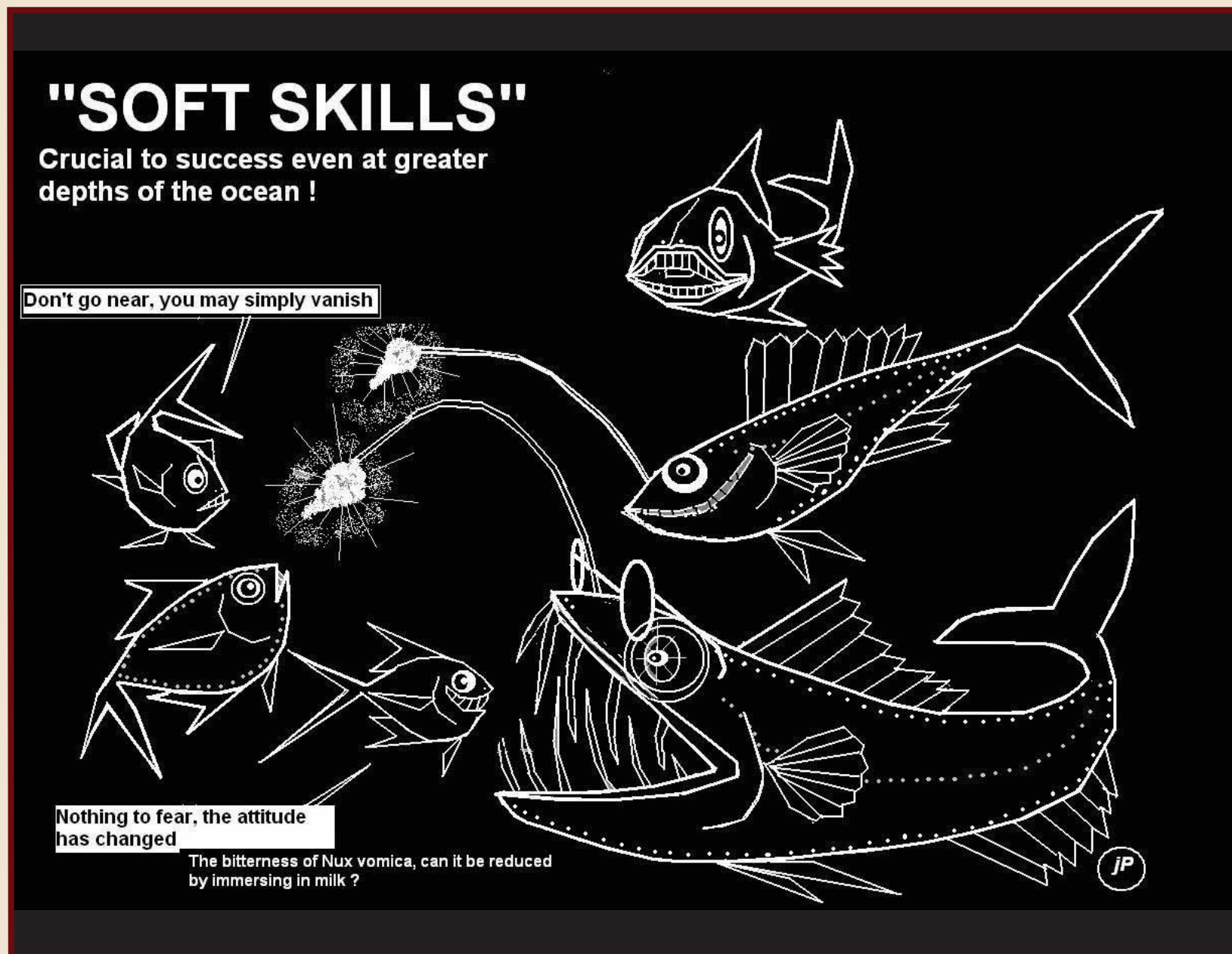


CONSULTANCY

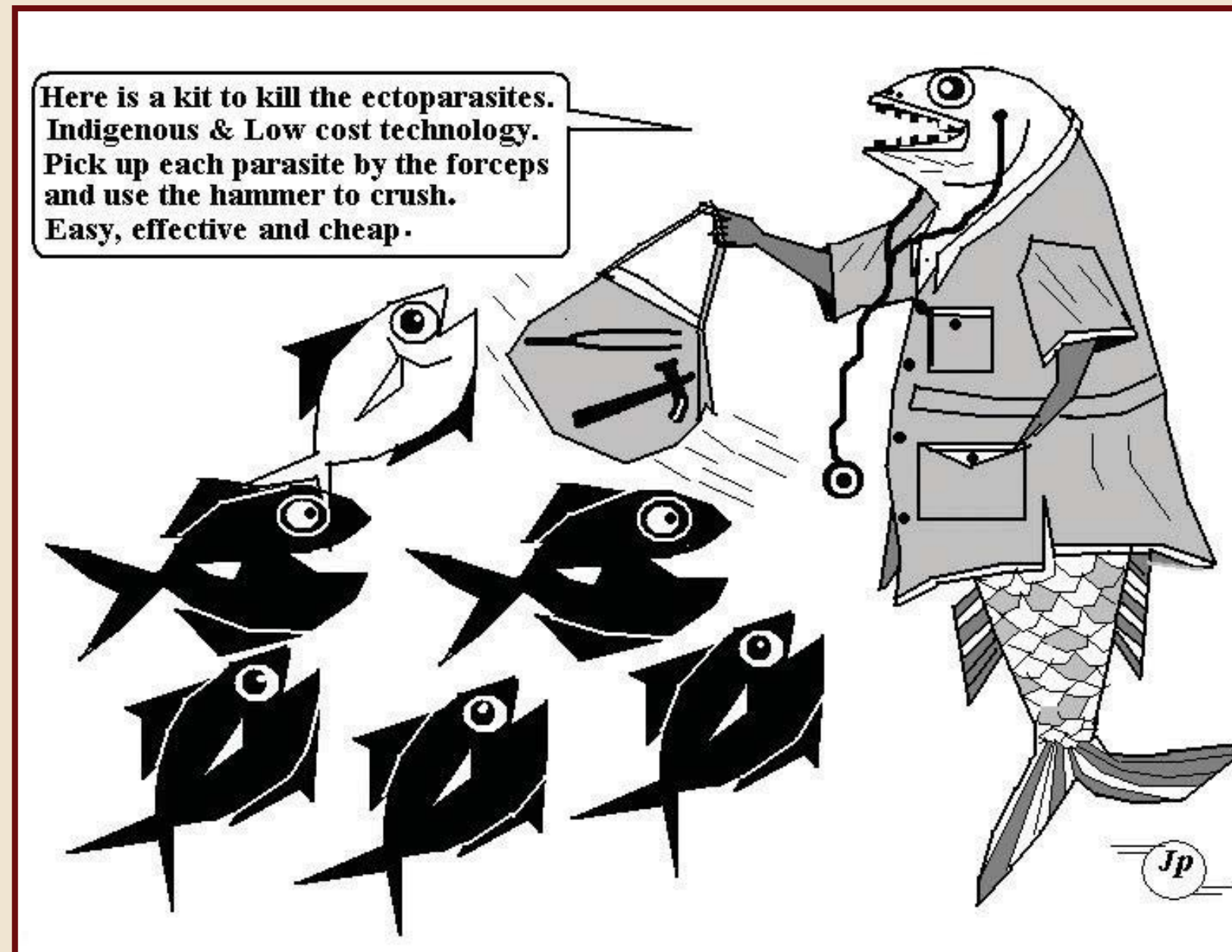
LOW COST TECHNOLOGY TO DISPERSE FORCEFUL CONFINEMENT



Glimpses of Indian Fisheries - A caricature



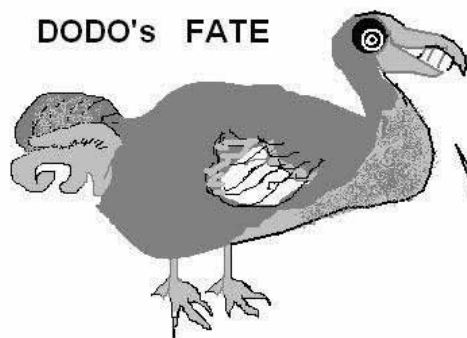
CONSULTANCY ECTOPARASITE MENACE CULTURE



Glimpses of Indian Fisheries - A caricature

GREEDY AND AVARICE. MAN HAS HUNTED TO EXTNCTION MANY LIVING BEING

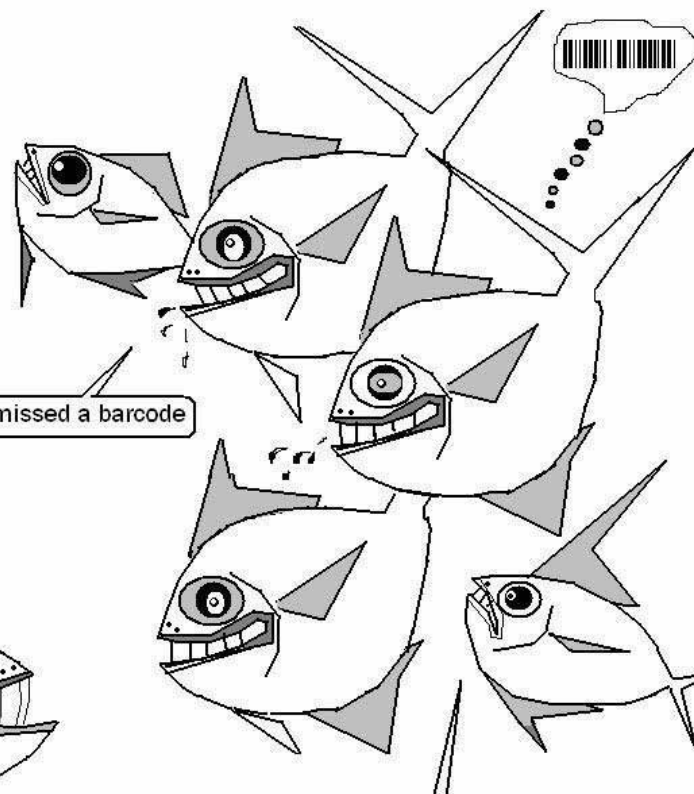
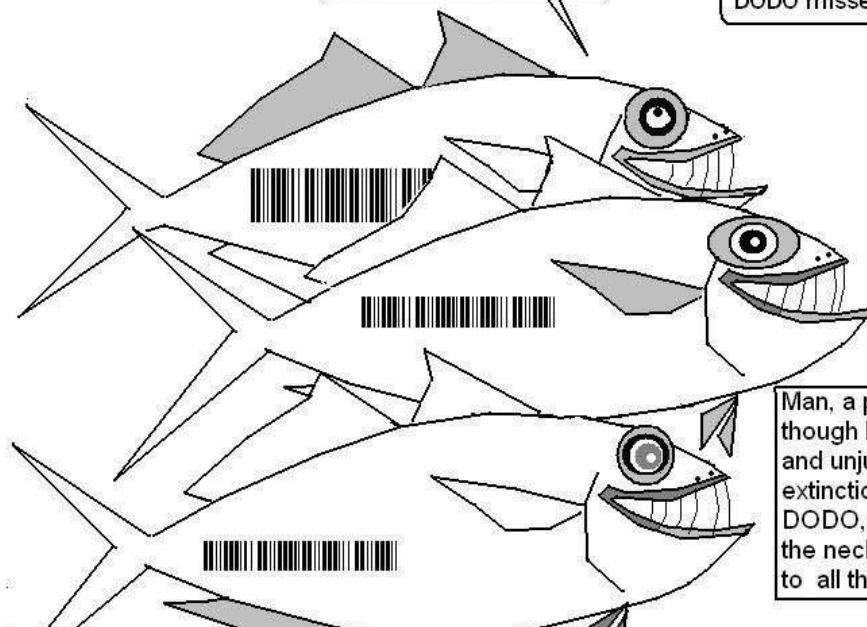
DODO's FATE



I am DODO, a flightless bird of the size of a Turkey and native of Mauritius. We were happy here till the European settlers came. They started killing us for the meat and also started exporting it. They were so greedy, finally we became extinct by the end of the 17th century.

See what we have got

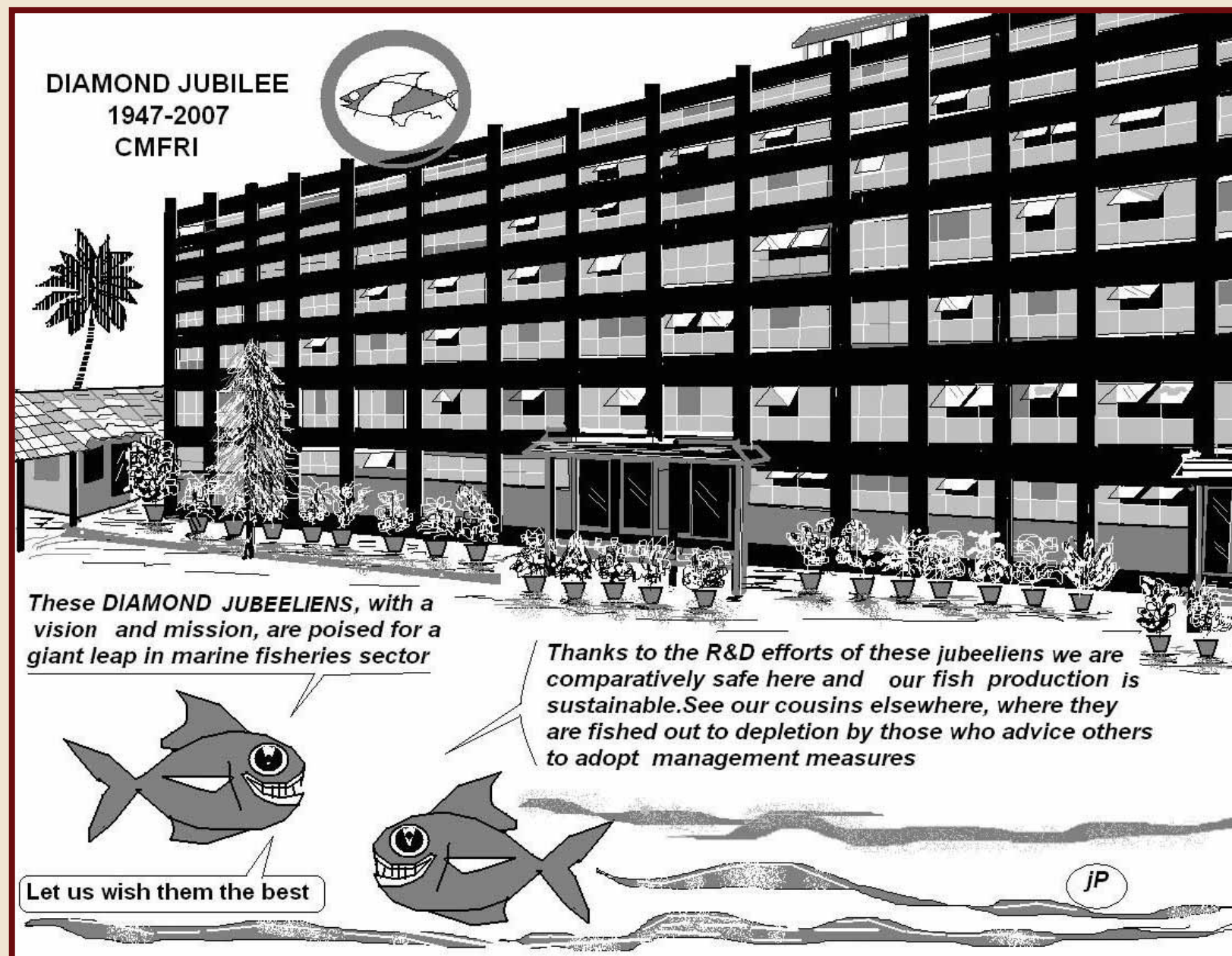
DODO missed a barcode



Man, a prodigal, can never return to the folds of Mother Nature, though he advocates for it, every where. He continues to be cruel and unjust to all the living beings that many are pushed to extinction. We know about DODO only through the photograph. DODO,s soul would haunt mankind for ever, like the ALbatross on the neck of the Ancient Mariner, for the sin he has been committing to all the living things in this planet .

JP

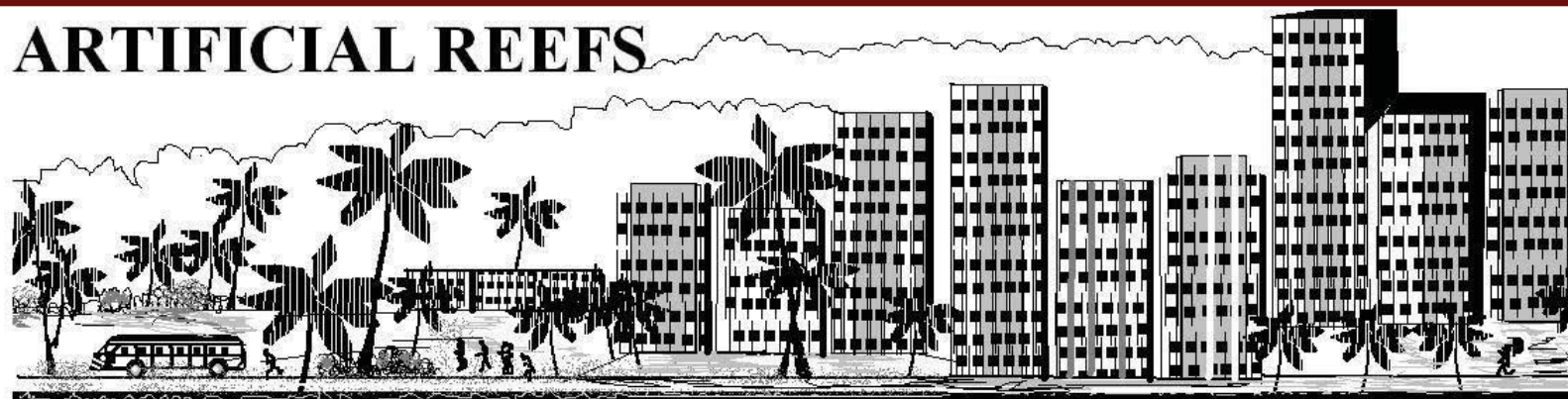
TOWARDS PLATINUM JUBILEE
VISION TO ENSURE NUTRITIONAL NEEDS OF MILLIONS



Glimpses of Indian Fisheries - A caricature

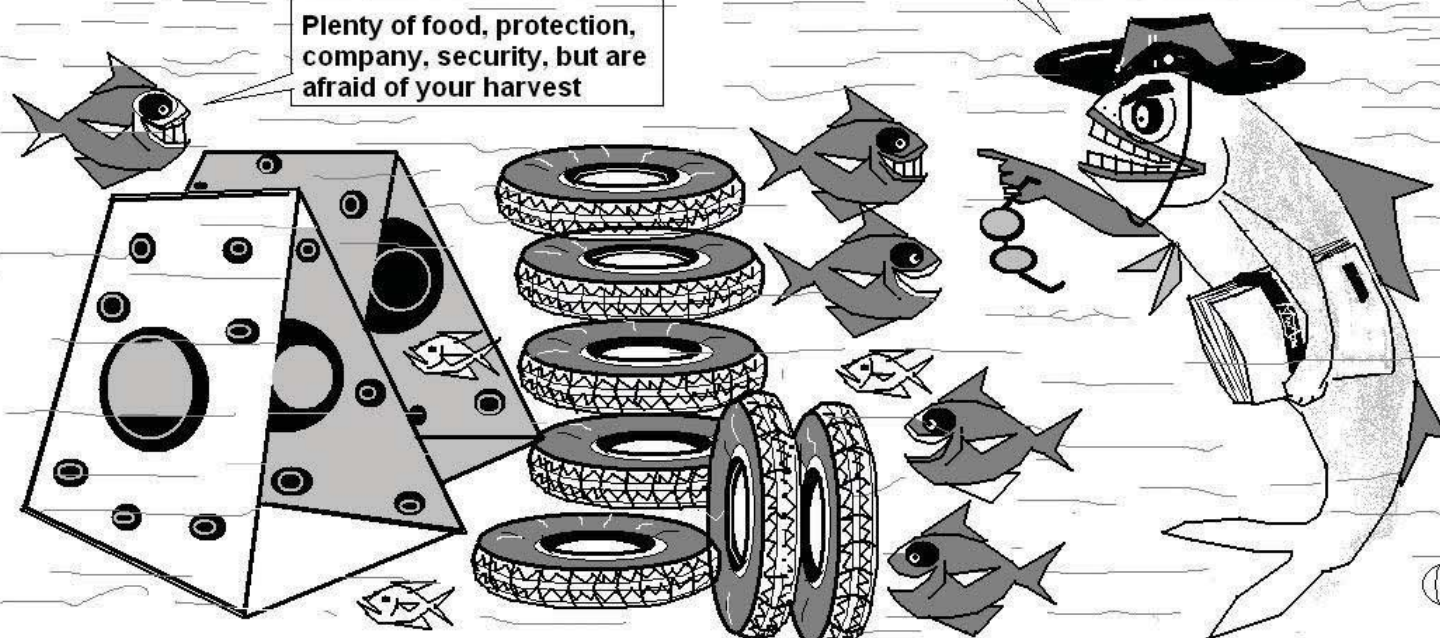
UTILIZING EVERY INCH OF WATER TO PRODUCE MORE FISH

ARTIFICIAL REEFS



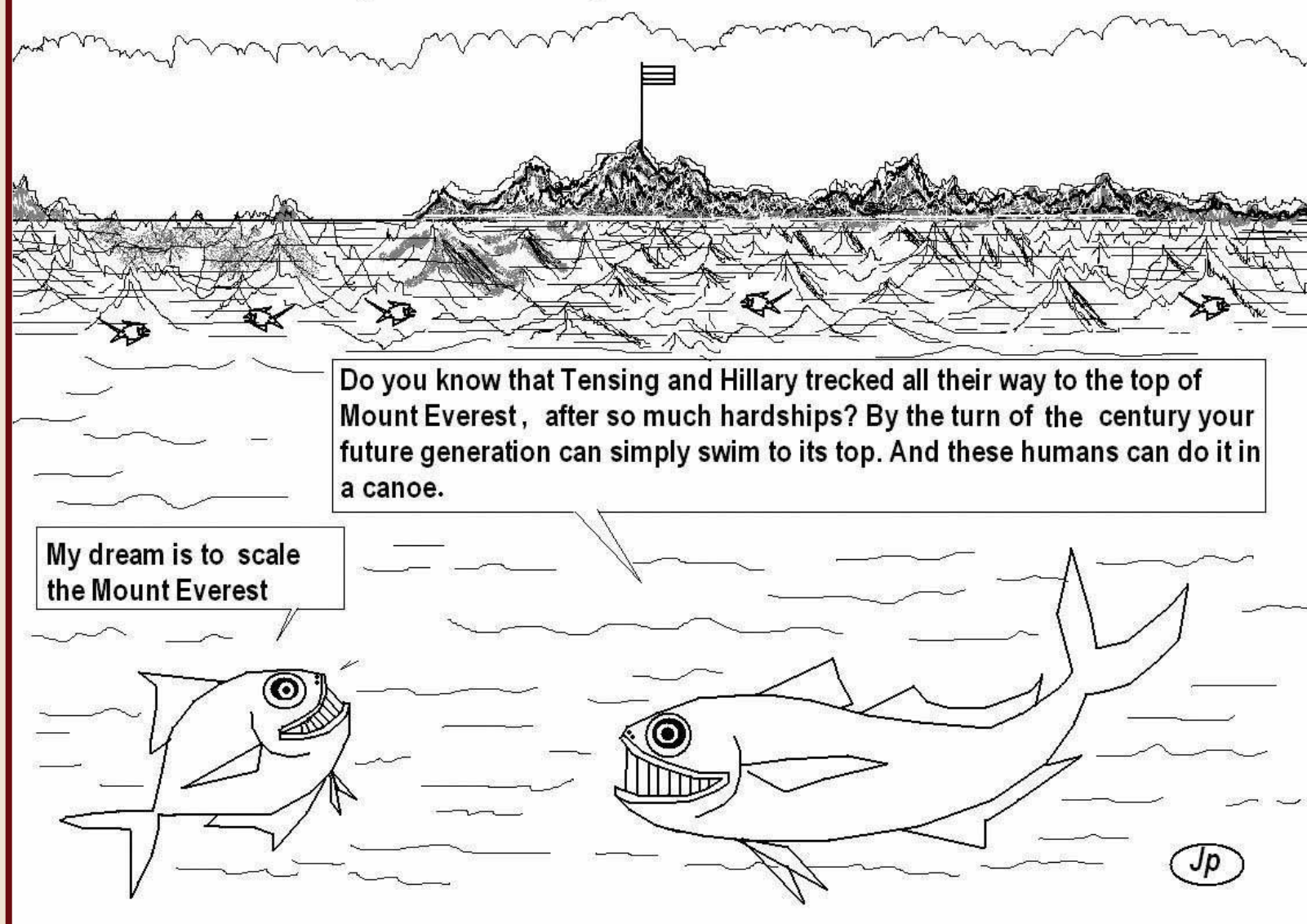
See those REEFS on land. But these are the ones made for you out of cheap materials like used tyres, concrete slabs, pipes; non-polluting and free for you all. We have plans to install them in the entire inshore seas

Plenty of food, protection, company, security, but are afraid of your harvest

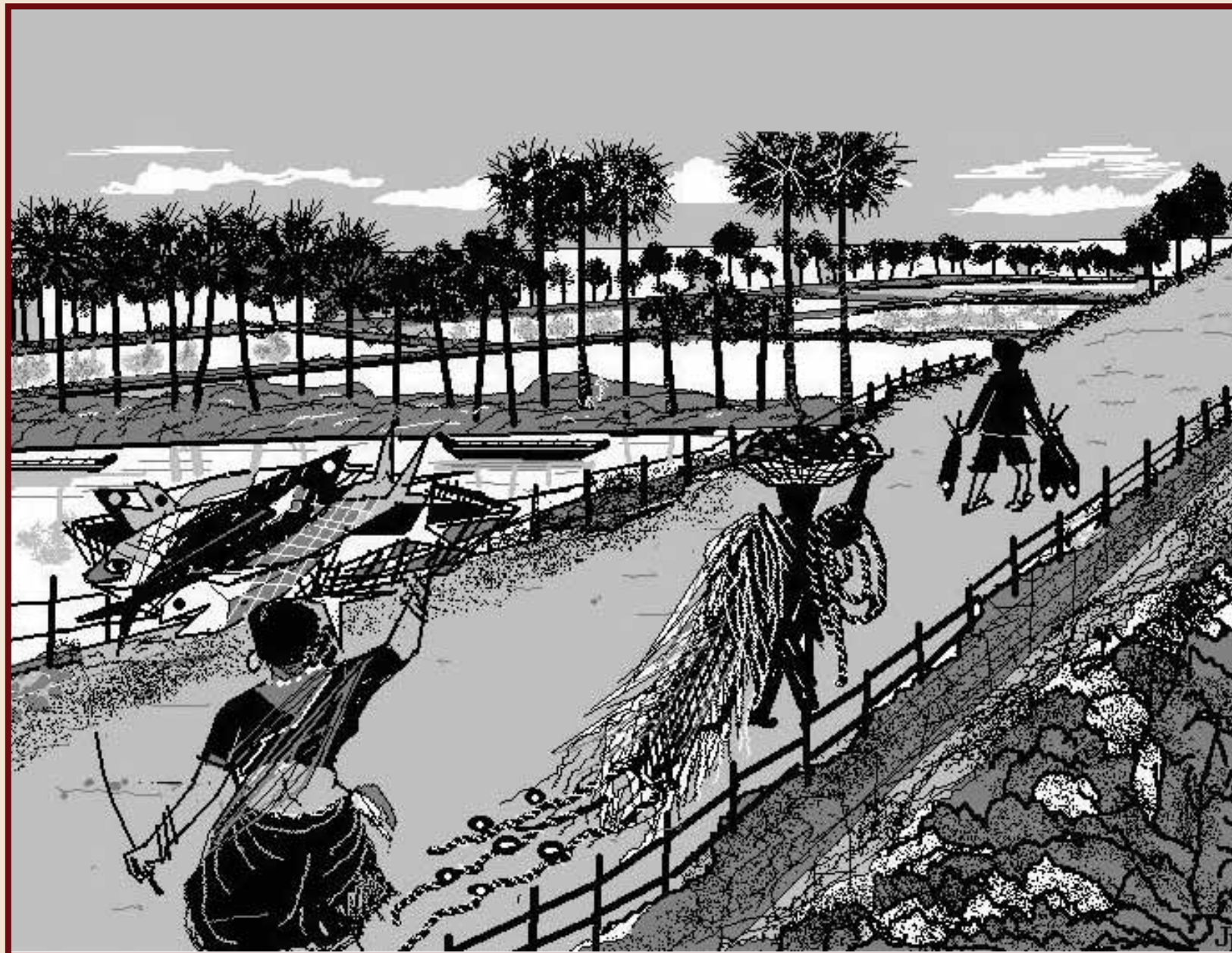


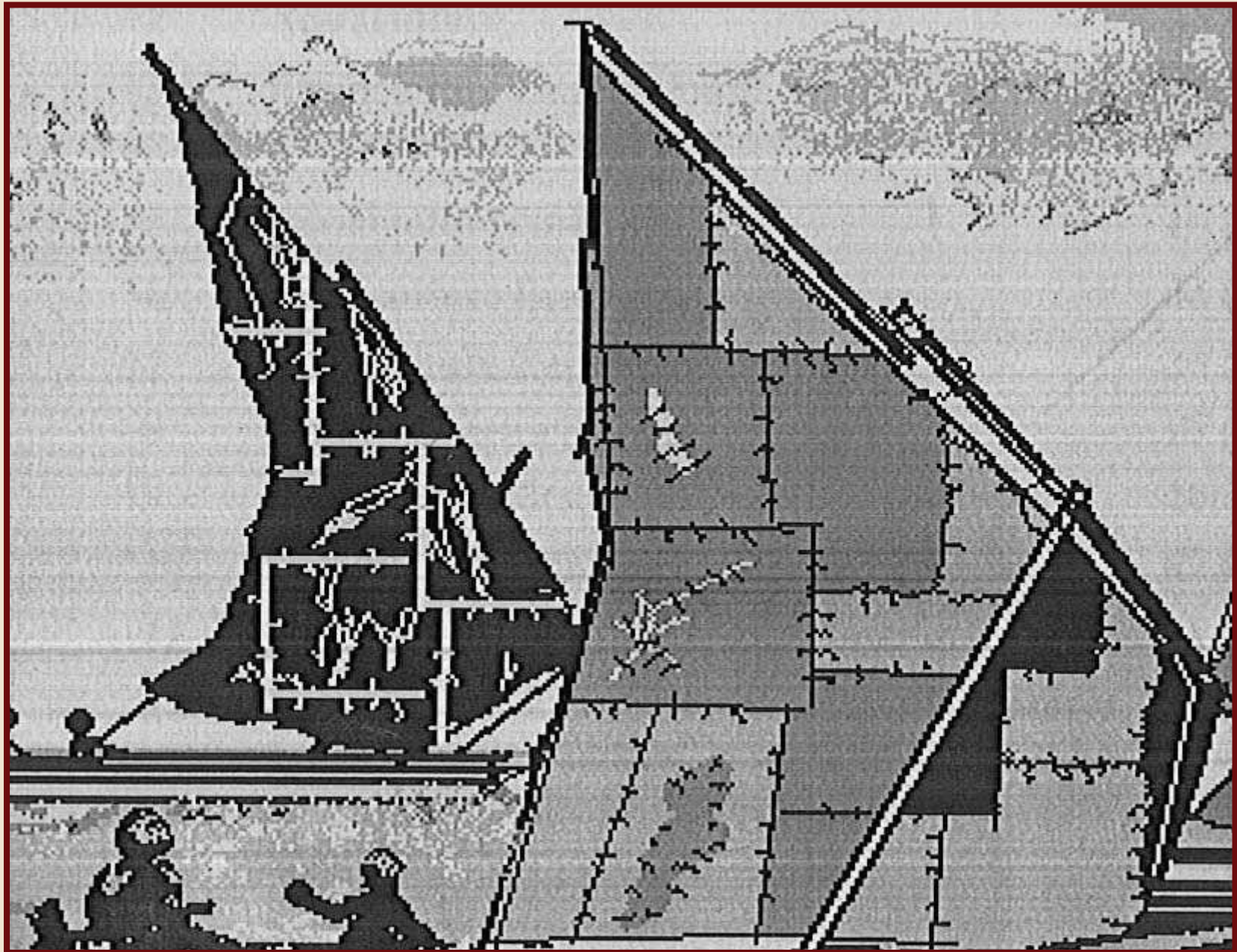
SWIMMING TO THE PEAK OF MOUNT EVEREST

Global warming and rising sea level



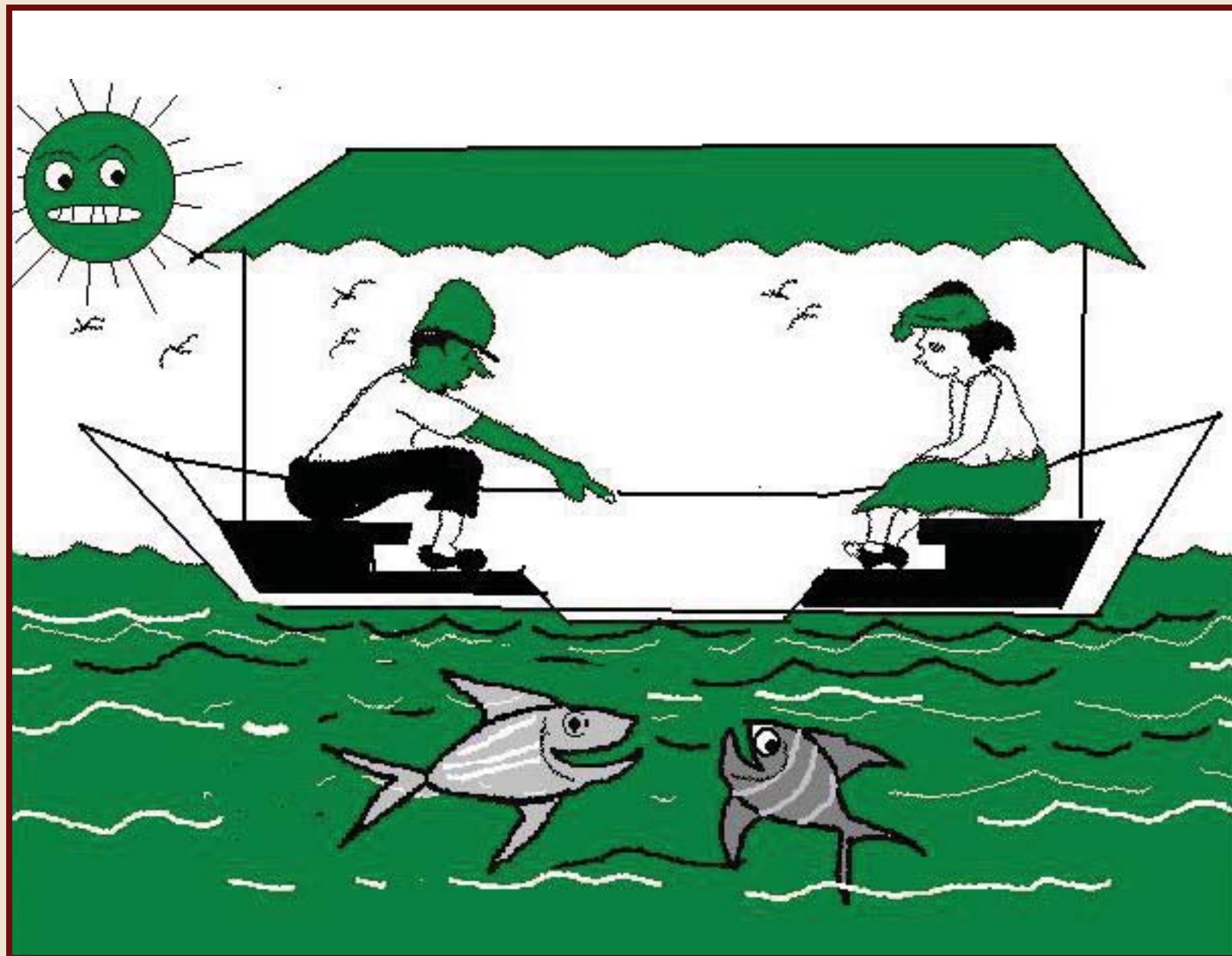
Glimpses of Indian Fisheries - A caricature





Glimpses of Indian Fisheries - A caricature

LAKSHADWEEP - TURQUOISE SEA - LAGOON WATCH.
IN GLASS BOTTOM YACHT





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