

1983-3-18

WHITE ANTS

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White ants survive with the aid of a protozoa in their intestines which produces the enzymes necessary to digest wood fibres (cellulose).

- 1) Control of white ants through control of the protozoa - either kill them or disturb their enzymes
- 2) Use the protozoan energy cycle to produce food from wood, either adopting the protozoa or the actual chemical/physical process.

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SAILING SHIPS

Instead of conventional sails, sailing ships could make use of kite sails, or [vacuum] balloon sails. These could be high enough up to make use of more regular, less turbulent winds - possibly even winds not identical to ~~the~~ direction blowing at the surface.

The 'sails' could be computer-controlled for correct air fillage etc to get the required direction.

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BENEATH THE WAVES

Probably ocean waves do not extend right down to the sea bottom, but have a relatively defined thickness t .

- 1) Vessels having their flotation base below the wave layer would be insulated from wave action and would travel smoothly
- 2) The different energy states of the wave layer and the underlying layer could possibly be exploited as an energy source.

