

PHOSPHOR

Schauburger

[1] See "The Ox and the Chamois" in *Nature as Teacher*, p.41, Vol. II of the *Ecotechnology series*. — Ed.

[2] H-substance: here refers to *hydrogen* or *hydrogen-like substances*. — Ed.

[3] Phos-elements: It is not quite clear what is intended here, but it may relate in some way to *bioluminescence*. However, the following three definitions are provided as an aid to interpretation.

PHOSPHOR: A *substance* which is capable of *luminescence*, i.e. storing *energy* (particularly from *ionising radiation*) and later releasing it in the form of *light*. If the *energy* is released after only a short delay (between 10⁻¹⁰ and 10⁻⁴ seconds) the *substance* is called a 'scintillator'.

PHOSPHORUS: P. Element. *Atomic weight* 30.9738. *Atomic number* 15. Occurs in several *allotropic forms*, white phosphorus and red phosphorus being the commonest. The former is a waxy white, very inflammable and poisonous solid. Red phosphorus is a non-poisonous, dark red powder, not very inflammable. The element only occurs in the combined state, mainly as *calcium phosphate*, $\text{Ca}_3(\text{PO}_4)_2$, Essential to *life*; *calcium phosphate* is the main constituent of animal *bones*.

PHOSPHATE: Salt of phosphoric acid H_3PO_4 . Phosphates are used as *fertilisers* to rectify a deficiency of *phosphorus* in the *soil*. Note: The editor regrets that he cannot locate the dictionary from which the information was originally sourced.'

[The Energy Evolution - Harnessing Free Energy from Nature, Letter to Werner Zimmermann]