

Two More of Our Advisory Editors Share the (1993) Volvo Environment Prize

Following its award last year (shared with the Director of the Missouri Botanical Garden) to our Advisory Editor and frequent contributor, Dr Norman Myers, the 1993 Volvo Environment Prize is being bestowed on two more of our Advisory Editors — both Pennsylvania-born but occupying named Chairs at leading Universities in California. They are Professors Paul R. Ehrlich, of Stanford University, and John P. Holdren, of the University of California at Berkeley, who are cited 'for their pioneering work on the relationship between population growth, resource consumption, and the Earth's carrying capacities.'

A celebrated evolutionary biologist who, with such books as *The Population Bomb* to his credit, has long been in the forefront of those warning about the dangers of human overpopulation, Paul Ehrlich is 61 years of age and currently Bing Professor of Population Studies in the Department of Biological Sciences at Stanford University.

John Holdren is a younger man, still not yet 50, who holds the Class of '35 Professorship of Energy & Resources in the University of California at Berkeley, and who 'was the principal architect and builder of the Energy and Resources Group (ERG), a unique, interdisciplinary graduate degree-program addressing problems of energy, resources, development, and environment, by integrating methods and insights from a wide range of natural and social science disciplines. ERG is recognized today as one of the best academic science-and-policy programs in the world.' (quoted from Volvo Press Information).

Both Ehrlich and Holdren are members of the US National Academy of Sciences and Fellows of the American Academy of Arts and Sciences, and both have received MacArthur Prize Fellowships. According to the

same source, they were honoured 'for their outstanding and pioneering contributions to our understanding of the threats to human development and survival, particularly those arising from the rapid growth of populations in developing countries and the high level of [*per caput*] resources consumption in industrialized countries.'

The Prize Committee recorded that 'their early work and reports* have laid the Foundation for our understanding of the dramatic nature and relative roles of population growth, rising affluence and changing technology in the environmental problematique. Their work on the interactive linkages between population, resource-use, and technology, has served to highlight issues of international security, ranging from the nuclear arms race to potential conflicts over resources.'

Commenting on the awards, the Chairman of the Prize Committee, Dr Mostafa K. Tolba, until recently Executive Director of the United Nations Environment Programme (UNEP), said 'In almost 20 years at UNEP I have met and worked with hundreds of scientists, but none of them has been more committed to the environmental cause than Ehrlich and Holdren. They are highly original thinkers who have had a real influence on their colleagues, on environmental organizations, [and on] governments and public opinion.'

This to us represents a fresh case — in some senses two cases — of where important work is being facilitated and surely enhanced by substantial pecuniary awards such as are still all-too-rare in the hard-pressed environmental movement.

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* In some notable cases together, with or without Paul Ehrlich's able wife Anne. — Ed.

Oil-spill Endangers Island Wildlife

The well-known, largest nesting populations of the better-known sea-turtles — the Leatherback Turtle (*Dermochelys coriacea*) and the Hawksbill Turtle (*Eretmochelys imbricata*) — which find refuge in the Andaman and Nicobar Islands off the Indian subcontinent, are threatened by predatory activities of Mankind. Until the 1970s, the populations of these sea-turtle species provided a very significant nucleus to the world pool (Bhaskar & Andrews, 1993). Even the Dugong or Sea-cow (*Dugong dugon*), economically important, has only vulnerable numbers surviving around the Andaman Islands, due to overexploitation.

However, the latest oil-spill and resultant slick, from the Danish oil-tanker which collided with a Japanese vessel, poses still more dangers to those creatures' habitat; consequently, populations of the turtles may be expected to decline drastically, as they are unable to adapt themselves to more restricted or otherwise changing habitats. We may have to identify their population as 'on their way out'.

Moreover, the coastal marshy areas which harbour concentrations of mangrove and other special vegetation, dominated by species of *Avicennia*, *Bruguiera*, *Ceriops*, *Rhizophora*, and *Sonneratia* as well as by the *Nypa* palm and *Pandanus* species, are likely to be adversely affected and even run the risk of decimation.

Particular Vulnerability of Oceanic Islands

Oceanic Islands are all-too-vulnerable, due to the destruction of their habitats commonly through human predation. Much remains to be done, in the context of serious oil-pollution in the Indian Ocean, to extend a new lease of life to the marine turtles for years to come.

The Author had earlier put in a plea to have the Indian Ocean declared a Zone of Peace for Nature — in the 18th General Assembly of IUCN, held in Perth, Western Australia, and also at the International Environmental Law Conference held at the Hague, The Netherlands (Oza, 1991).

Oceanic Islands comprise some of the worst danger-spots. A sense of urgency is needed among people who would save some of their precious wildlife heritage before it has passed the point of no return. The Indian Ocean and the many Oceanic Islands shelter interesting and often unique wildlife.

If our heritage is not steadily and increasingly to be whittled away, emergency measures must be put into genuine action at the earliest possible time — to declare and set aside particular islands as sanctuary areas, and to curb, by all possible means, illegal and indiscriminate predatory visits by ships and disruptive military exercises. Such a safeguard is vital to halt the final extirpation of island habitats and wildlife.