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● ● ● THIS IS YOUR LAST ISSUE OF HAUSTORIUM UNLESS.. .. you return the enclosed sheet. See instructions on the enclosure.

● NOTE FROM THE EDITORS

Due to a lack of space we cannot include several notes, the report of the November 1993 Amsterdam *Orobanche* symposium, the Amman *Orobanche* workshop, the Zimbabwe *Striga* workshop, discussion of plans and venue for the next symposium, and considerable literature all of which will be in issue 29 which is planned for publication in March 1994.

● THE USES OF WITCHWEED (*STRIGA ASIATICA*) IN TRADITIONAL MEDICINE

Striga asiatica is a parasitic weed on roots of gramineous hosts. It is known as witchweed in many parts of the world, but in Malaysia it is called *Jarum Mas* or "Golden Needle." The yellow-flowered *Striga asiatica* is said to have medicinal value and is being used by some local people as a herbal medicine. In the literature there is a report by Alvins in 1897 that the Chinese used the leaves of *S. asiatica* for sores and ulcers. In this short communication I shall relate some of the purported medical uses of *S. asiatica* in Malaysia. Readers are warned that these reports have not been scientifically verified. One story is that local people learnt of the medicinal value of this herb by observing the behavior of the cat. After giving birth, the mother cat seeks out *Jarum Mas* to eat. This observation has led to the use of *S. asiatica* as an after-birth tonic. In Penang I was once perplexed by the many people bending and searching the grassy area along the road, as if they were searching for

some lost coins. They were looking for the "Golden Needles" (*S. asiatica*) which sells for RM 1.00 per plant. A kilogram of dried *Jarum Mas* can fetch between RM 600 - RM 800 (RM 2.50 = US \$1). I was first introduced to *S. asiatica* by a friend whose elderly mother takes this herb as a health tonic prepared by placing one dried plant in 2-3 tea cups full of water which is then boiled down to about a cup. The resultant brew appeared like plain tea. Taking it makes her feel "warm or heaty." In addition, it relieves pain of the joints. It is very important that the dosage taken is not excessive. One case is reported of someone making a cupful of brew and after **drinking** it being taken to the hospital because his body became rigid due to muscular spasm. Excessive dosage can also cause mouth ulcer or a tremendous increase in body temperature. *Striga asiatica* is also said to be toxic to the nervous system. *Jarum Mas* is used by both sexes for various ailments, such as kidney problem, loss of appetite and nerve disorders and is also used as an aphrodisiac and after-birth tonic to help in the contraction of the uterus. There are also claims that *Jarum Mas* is good for the relief of muscular cramps and fevers.

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● *OROBANCHE CERNUA* ON CUMIN IN RAJASTHAN

Orobanche cernua Loefl. is a common parasite on tomato, eggplant, and mustard in the arid western plain of Rajasthan. During the 1992 winter cropping season, cumin (*Cuminum cyminum* L.), an important spice and cash crop of the area, was infested at an incidence as high as 30%. In a nearby mustard crop, the rate of infestation was only 15-20%. More surveys are planned.

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- Polhill, R., Coordinator. The Golden Bough. A Newsletter to Foster the Biosystematics of Lorantheaceae and Viscaceae. Number **12**. (This is the first appearance of this valuable newsletter for some time. The issue is dedicated to Frank Hawksworth and contains a description of 'HyperParasite', a computer system for storing, retrieving and manipulating information on parasites; numerous notes and current literature. Golden Bough is available from Polhill at Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AE England).
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FRANK G HAWKSWORTH

Readers of HAUSTORIUM will be saddened to hear that Frank G. Hawksworth died on 8 January 1993 in Fort Collins, Colorado--his home for many years. Frank was born in 1926 in Fresno, California and received a BS in forestry from the University of Idaho in 1949, and MS and Ph.D. degrees from Yale. For most of his professional career he was with the US Forest Service's Rocky Mountain Forest and Range Experiment Station. Frank authored over 200 scientific publications on forest diseases and was the world's authority on dwarf mistletoes, the most damaging parasites in forests of western North America. Frank's work on these pests did not stop with the publication of scientific information. He maintained constant contact with foresters, scientists, and practitioners at all levels of government, industry, universities, and private practice to assist them with on-the-ground management problems. His kindness, concern for others, and quality work were especially appreciated by Mexican foresters, who affectionately knew him as "Dr. Frank." Frank's unique combination of brilliance, humility, and endless wit earned him a special place in the hearts of forest scientists and managers internationally.

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