

论文

美舌藻驱蛔的药理和临床实验研究

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摘要:

实验证明美舌藻——*Caloglossa leprieurii*(Mont.)J.Ag>.,即中药书里的鹧鸪菜——的煎剂能杀死蚯蚓和抑制玻器内的猪蛔虫和人蛔虫的活动。成年或儿童蛔虫病患者,内服美舌藻的浓缩煎剂后,多数在次日排出蛔虫;其驱蛔率高者可达80%以上,但虫卵转阴率很低,约在20%。副作用少见,偶有轻微的腹痛、恶心或短暂的头晕等。

关键词:

THE PHARMACOLOGICAL AND CLINICAL STUDY ON ANTHELMINTIC ACTIONS OF CALOGLOSSA LEPRIEURII (Mont.)J.Ag.AGAINST ASCARIS

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Abstract:

Caloglossa leprieurii(Mont.) J. Ag., under the vernacular name of "Zhegocai", was investigated for its actions against ascaris with the preparation of its decoctum, because this marine alga has long been used as an anthelmintic drug in Chinese folk medicine. In *in vitro* observations, it was demonstrated that the solution of *Caloglossa leprieurii* was fatal to earth-worms even in low concentration which often caused active movements of the worms before they were killed. It was also found that on both *Ascaris Lumbricoides* and *Ascaris Suum*, they were first stimulated and then depressed by this drug in laboratory studies. Clinically, it was observed that among 4 groups of patients, two of which were adults receiving a dose of 20-30 grams, and another two were children receiving a dose of 8-15 grams of *Caloglossa leprieurii*, the use of the drug resulted in over 80% of ascarids elimination in three groups, and nearly 50% in one group. Some side effects of this drug, such as nausea, mild abdominal pain, and dizziness were occasionally noted. Thirty mice receiving the solution of *Caloglossa leprieurii* in single oral dose of 0.4, 1.0, or 2.0 gm/kg were tested for toxicity, but no reactions were observed during a period of 3-day observation.

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