In Vitro Study on Anthelmintic Activity of Aristolochia indica and A. tagala Roots

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SUMMARY. The present study has been undertaken to screen the anthelmintic potential of aqueous root extracts of Aristolochia indica Linn. and A. tagala Cham. against adult Indian earthworm Pheritima posthuma and round worms Ascaridia galli. Different concentrations of the extracts ranging from 2-8 mg/mL were screened. Piperazine citrate was used as reference standard. Extract of A. tagala was found to be more potent and effective at the dose level of 2 mg/mL compared to the extract of A. indica. Extracts showed dose dependant activity. The study reports that the plants A. indica and A. tagala roots possess potent anthelmintic properties.