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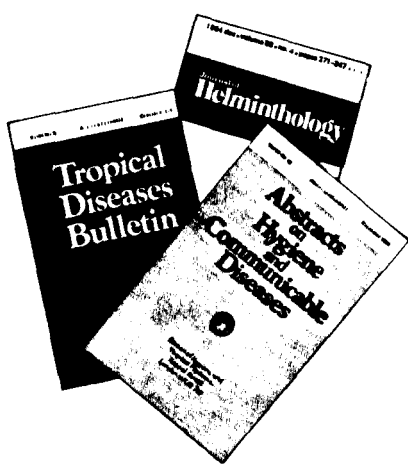


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JOURNAL OF STORED PRODUCTS RESEARCH

Editor: C E DYTE, *Pest Infestation Control Laboratory, Ministry of Agriculture Fisheries & Food, London Road, Slough, Berkshire, UK*

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A selection of papers

The moisture content-equilibrium relative humidity relationship of cocoa beans, S HENDERSON.

Some further observations on the effect of temperature on the fecundity and longevity of *Dermestes lardarius* L. (Coleoptera: Dermestidae), T A JACOB & D A FLEMING. Evaluation of three compounds with insect juvenile hormone activity as grain protectants against insecticide-susceptible and resistant strains of *Sitophilus* species (Coleoptera: Curculionidae), J P EDWARDS & J E SHORT.

An investigation of the entomogenous fungus *Beauveria bassiana* (Bals.) Vuill. as a potential biological control agent for *Oryzaephilus surinamensis* (L.), T SEARLE & J DOBERSKI.

Toxicity of deposits of an amorphous silica dust on different surfaces and their pick-up by *Sitophilus granarius* (L.) (Coleoptera: Curculionidae), S L GOWERS & G N J LE PATOUREL.

Effect of pesticides on the seed-borne fungi and fungal succession on rice in Malaysia, A J KUTHUBUTHEEN.

Screening of some indigenous plants as repellents or antifeedants for stored grain insects, M M MALIK & S H MUJTABA NAQVI.

The toxicity of phosphine to adults of *Tribolium castaneum* (Herbst): time as a dosage factor, R G WINKS.

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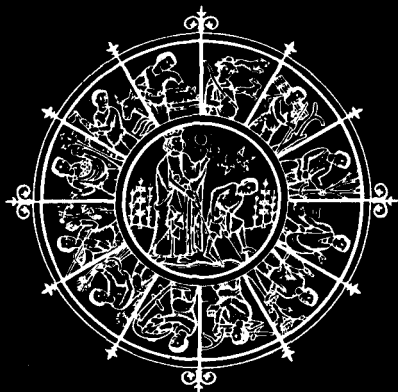


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Editor: T I WILLIAMS, *Pergamon Press Ltd, Headington Hill Hall, Oxford, OX3 0BW, UK*

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A selection of papers

The Asswan High Dam and its effect on Egyptian agriculture, A M BALBA.
Potentialities of short-rotation forestry for developing countries, K STEINBECK.
The Soviet chemical industry's response to agriculture's needs, P HANSON.
Protein deposition in animals, P J BUTTERY.
African food production: research against time, E H HARTMANS.
Chromosomes of crop plants, G P CHAPMAN.
Intensive tilapia culture, J D BALARIN.
Trypanotolerant cattle, M MURRAY *et al.*
Copper deficiency in world crops, B J ALLOWAY & A R TILLS.
CIMMYT's maize improvement programme, E W SPRAGUE & R L PALIWAL.

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The *Journal of Insect Physiology* serves as a focus for research on all aspects of insect physiology. The journal publishes papers covering a wide variety of aspects of the physiological mechanisms in insects, although closely related topics in other groups of arthropods will be accepted if they are of general interest. Amongst the fields covered are endocrinology, pheromones, neurobiology, physiological pharmacology, nutrition, homeostasis and reproductive processes of insects. Anatomical papers and reports on new techniques and methods are also published where they contribute to the solution of physiological problems.

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A selection of papers

Water balance in *Rhodnius prolixus* during flight: quantitative aspects of diuresis and its relation to changes in haemolymph and flight-muscle water, J L GRINGORTEN & W G FRIEND.

Fluid transport across the ducts of the salivary glands of a mosquito, P A ROSSIGNOL & A SPIELMAN.

The attraction of larvae of *Culex pipiens quinquefasciatus* Say to ribonucleic acid and nucleotides, J T BARBER *et al.*

Gain and loss of fluid in metamorphosing larvae of *Manduca sexta*, M E JOESTEN *et al.*

Incorporation of dietary phenols into the cuticle in the tree locust *Anacridium melanorhodon*, E A BERNAYS & S WOODHEAD.

Central branchings of three sensory axons from a moth ear (*Agrotis segetum*, Noctuidae), A SURLYKKE & L A MILLER.

Synaptic mechanisms of monaural and binaural processing in the locust, H ROMER & R DRONSE.

ATP analogues and other phosphate compounds as gorging stimulants for *Rhodnius prolixus*, W G FRIEND & J J B SMITH.

Selective depletion of the plasmatocytes in *Galleria mellonella* following injection of bacteria, B M CHAIN & R S ANDERSON.

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International
journal for
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The *International Journal for Parasitology* serves as a medium for communication of scientific contributions in the field of parasitology at an international level. It publishes original research papers dealing with parasites, parasitism and parasitic infection.

Other features include points in question (a forum for parasitologists), centenary biographical notes, obituaries, lists of parasitological societies throughout the world, and a parasitological calendar listing forthcoming meetings and symposia related to parasitology. Relevant papers are welcomed for editorial consideration.

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US\$437.00

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INTERNATIONAL JOURNAL FOR PARASITOLOGY

Editor-in-Chief: J F A SPRENT,
*Department of Parasitology,
University of Queensland, St Lucia,
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A selection of papers

The influence of salinity on the cercariae of three species of *Schistosoma*,
F A DONNELLY *et al.*

Observations on the histology of *Austrobilharzia terrigalensis* (Trematoda: Schistosomatidae) infection in the Silver Gull, *Larus novaehollandiae*,
C C APPLETON.

Interactions between *Trichinella spiralis* and *Hymenolepis nana* in the intestine of the mouse, G FERRETTI *et al.*

Plicatrium visayanensis new species (Digenea: Hemiuridae) from *Hydrophis ornatus* (Serpentes: Hydrophiidae) from the Visayan Sea, Philippines, A O BUSH & J C HOLMES.

The response of lambs to vaccination and challenge with *Trichostrongylus colubriformis*: effect of plane of nutrition on, and the inter-relationship between, immunological responsiveness and resistance, B M WAGLAND *et al.*

Suppression of mouse lymphocyte responses to mitogens *in vitro* by *Trypanosoma cruzi*, J R MALECKAR & F KIERSZENBAUM.

In vitro sensitivity of virulent *Acanthamoeba culbertsoni* to a variety of drugs and antibiotics, A FERRANTE *et al.*
Differences in *Plasmodium berghei* development in nude and normal mice, R W McGUIRE Jr.

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The International Journal of Tropical Insect Science

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ISSN 0191-9040
ISIADL 6(2) 115-232 (1985)