

CONTENTS
JOURNAL OF NEMATOLOGY

Vol. 36, No. 1

March 2004

Taxonomy

- | | | |
|--|-----------------------------------|---|
| <i>Longidorus biformis</i> n. sp. and <i>L. glycines</i> n. sp. (Nematoda: Longidoridae): Two Amphimictic Species from Arkansas. | WEIMIN YE and R. T. ROBBINS | 1 |
|--|-----------------------------------|---|

- | | | |
|---|--|----|
| Phylogenetic Relationships and Genetic Variation in <i>Longidorus</i> and <i>Xiphinema</i> Species (Nematoda: Longidoridae) Using ITS1 Sequences of Nuclear Ribosomal DNA. | WEIMIN YE, ALLEN L. SZALANSKI, and R. T. ROBBINS | 14 |
|---|--|----|

- | | |
|--|----|
| Morphological, Molecular, and Differential-Host Characterization of <i>Meloidogyne floridensis</i> n. sp. (Nematoda: Meloidogynidae), a Root-Knot Nematode Parasitizing Peach in Florida. Z. A. HANDOO, A. P. NYCZEPIR, D. ESMENJAUD, J. G. VAN DER BEEK, P. CASTAGNONE-SERENO, L. K. CARTA, A. M. SKANTAR, and J. A. HIGGINS | 20 |
|--|----|

Distribution, Management, and Yield Loss

- | | |
|---|----|
| Evaluation of Asteraceae Plants for Control of <i>Meloidogyne incognita</i>. T. T. TSAY, S. T. WU, and Y. Y. LIN | 36 |
|---|----|

- | | |
|--|----|
| Yield Loss Caused by <i>Meloidogyne graminicola</i> on Lowland Rainfed Rice in Bangladesh. J. L. PADGHAM, J. M. DUXBURY, A. M. MAZID, G. S. ABAWI, and M. HOSSAIN | 42 |
|--|----|

- | | |
|---|----|
| Effectiveness of a Hot Water Drench for the Control of Foliar Nematodes <i>Aphelenchoides fragariae</i> in Floriculture. GANPATI B. JAGDALE and PARWINDER S. GREWALE | 49 |
|---|----|

- | | |
|--|----|
| Nematodes in Dryland Field Crops in the Semiarid Pacific Northwest United States. RICHARD W. SMILEY, KATHY MERRIFIELD, LISA-MARIE PATTERSON, RUTH G. WHITTAKER, JENNIFER A. GOURLIE, and SANDRA A. EASLEY | 54 |
|--|----|

Host Relationships

- | | |
|---|----|
| Reproduction of Mi-Virulent <i>Meloidogyne incognita</i> Isolates on <i>Lycopersicon</i> spp.. X. HUANG, M. MCGIFFEN, and I. KALOSHIAN | 69 |
|---|----|

- | | |
|--|----|
| Plant Nutrient Partitioning in Coffee Infected with <i>Meloidogyne konaensis</i>. DENISE HURCHANIK, D. P. SCHMITT, N. V. HUE, and B. S. SIPES | 76 |
|--|----|

Biology

- | | |
|--|----|
| Sensitivity of Nematode Life-History Groups to Ions and Osmotic Tensions of Nitrogenous Solutions. MARIO TENUTA and HOWARD FERRIS | 85 |
|--|----|

- | | |
|---|----|
| Inhibitory Effect of <i>Bursaphelenchus mucronatus</i> (Nematoda: Aphelenchoididae) on <i>B. xylophilus</i> Boarding Adult <i>Monochamus alternatus</i> (Coleoptera: Cerambycidae). SHOTA JIKUMARU and KATSUMI TOGASHI | 95 |
|---|----|

Methodology

- | | |
|---|-----|
| A Simple Method for the Extraction, PCR-amplification, Cloning, and Sequencing of <i>Pasteuria</i> 16S rDNA from Small Numbers of Endospores. N. ATIBALENTJA, G. R. NOEL, and A. CIANCIO | 100 |
|---|-----|