**Posters (In Person) Gulfview Ballroom Salon I**

1. EVALUATION OF UREA AMENDMENTS IN MEDIA FOR QUANTIFICATION OF NEMATODE TRAPPING FUNGI. **Neilsen, Lily, B. Edgar, and J. B. Kotcon.**

2. METABARCODING INVENTORY OF CAMBRIDGE BAY TUNDRA SYSTEM REVEALS HIGHLY ENDEMIC NEMATODE COMMUNITIES. **Jorna, Jesse, B. Vandenbrink, B. Adams, I. Hogg, and D. Wall.**

3.VERTICAL DISTRIBUTION OF NEMATODES AT A CONSTRUCTION SITE IN EAST TENNESSEE. **Bernard, Ernest C., G. Phillips, D. Sain and L. S. Taylor.**

4. EFFECTS OF SALTRO SEED TREATMENT, ACTIVE INGREDIENT PYDIFLUMETOFEN, ON EGGS AND JUVENILES OF THE SOYBEAN CYST NEMATODE. **Wlezien, Elizabeth and G. L. Tylka**.

5. Rates of Molecular Evolution in Antarctic and Temperate Nematodes. **Brim, Jinna and Byron Adams.**

6.CAN NEMATODES AID IN SPOTTED WING DROSOPHILA CONTROL (*DROSOPHILA SUZUKII*)? **Cole, Emilie, J. Perkins, R. Isaacs, and M. Quintanilla.**

7. UNDERSTANDING THE HOST-PARASITE RELATIONSHIP OF *PARATYLENCHUS NANUS* WITH FIELD PEA CULTIVARS **Ojha, Ekta and G. P. Yan.**

8.ANALYSIS OF QUANTITATIVE TRAIT LOCI ASSOCIATED WITH RESISTANCE TO *MELOIDOGYNE INCOGNITA* IN *GLYCINE* *LATIFOLIA*. **Han, Jaeyeong, L. L. Domier, N. K. McCoppin, H. S. Lim, N. E. Schroeder, and G. L. Hartman.**

9. Interaction studies between *Meloidogyne javanica* and *Fusarium* *oxysporum* f. sp. *lycopersici* (*Fol*) *race 3* on different isolines of tomato cv. Tasti Lee. **Regmi, Homan, G. E. Vallad, S. F. Hutton, and J. Desaeger.**

10. QUANTIFYING PLANT PARASITIC NEMATODE NITROGEN ASSIMILATION WITH ISOTOPE ENRICHED PROTEOMICS. **Hughes, Kody, S. Mishra and P. M. DiGennaro.**

11. Novel Dorsal gland Effector candidates identified from root-knot nematode adult females. **Rocha, Raquel, R. S. Hussey, and M.G. Mitchum.**

12. DECIPHERING THE MECHANISMS OF SOYBEAN CYST NEMATODE ADAPTATION TO THE NON-HOST CROP PLANT TOMATO. **Mitchell, Makayla,** **B. Averitt1, M. Kantor, T. L. Niblack, Z. Handoo, and M. G. Mitchum.**

13. GENES RELATED TO VITAMIN B AND PLANT DEFENSE SUPPRESSION MAY CONTRIBUTE TO VIRULENCE OF *HETERODERA GLYCINES* ON RESISTANT SOYBEAN. **Kwon, Khee –Man, R. E. Masonbrink, T. R. Maier, A. J. Severin, T. J. Baum, and M. G. Mitchum.**

**14.** EVALUATION OF SEED-APPLIED NEMATICIDES AND INSECTICIDES TO PRESERVE COTTON SEEDLING PLANT HEALTH AND YIELD. **Graham, Scott H.**, **K. S. Lawrence and C. T. Graham**.

15. EXPLORING YIELD LOSSES ON COTTON DUE TO *ROTYLENCHULUS RENIFORMIS*OVER SIX YEARS IN THE SOUTHEAST UNITED STATES. **Rondon, Marina Nunes, B. R. Lawaju, and K. S. Lawrence.**

16. DISTRIBUTION OF ROOT-KNOT NEMATODES IN FLORIDA WITH THE FOCUS ON *MELOIDOGYNE ENTEROLOBII*. **Riva, Gabrieli, H.X. Bui, M. Gu, and J.A. Desaeger.**

17.WINTER WHEAT BREEDING FOR RESISTANCE TO THE ROOT LESION NEMATODE, *PRATYLENCHUS NEGLECTUS.* **Consoli, Erika and A. Dyer.**

18. EFFICACY OF CERTIFIED BIONEMATICIDES FOR CONTROL OF *MELOIDOGYNE INCOGNITA* IN THE GREENHOUSE CONDITIONS **Gitonga, Denis, N. Hamidi, and A. Hajihassani.**

19. CONTROL OF *GLOBODERA PALLIDA* USING TRAP CROP, *SOLANUM SISYMBRIIFOLIUM* COMBINED WITH *SINAPIS ALBA* SEED MEAL EXTRACT OR 4-HYDROXYBENZYL ALCOHOL. **Chhetri, Prativa, L. M. Dandurand, and I. Popova.**

20.COMPARATIVE EFFICACY OF FLUENSULFONE AND *STEINERNEMA CARPOCAPSAE* AGAINST PEACH NEMATODES. **Jagdale, Ganpati, C. Oliveira-Hofman, D. Chavez, B. R. Blaauw, Duncan, L., G. Colson, C.H., Bock, and D. Shapiro-Ilan**.

21.EFFICACY OF ORGANIC NEMATICIDES AGAINST *MELOIDOGYNE INCOGNITA* INFECTING CUCUMBERS UNDER GREENHOUSE CONDTIONS. **Jagdale, Ganpati, A. Hajihassani, and D. Shapiro-Ilan**.

22. EVALUATION OF HOT WATER TREATEMENT FOR THE MANAGEMENT OF GUAVA ROOT-KNOT NEMATODE. **Giles, Celeste,** **and C. Khanal.**

23. A MULTI-STATE EFFORT TO CONTAIN AND MANAGE *MELOIDOGYNE ENTEROLOBII* IN VEGETABLE CROPS. **Agudelo, Paula, J. Corbin, J. Desaeger, A. Gorny, Z. Grabau, Z. Guan, A. Hajihassani, J. Mueller, L. Quesada-Ocampo, W. Rutter, and P. Wadl.**

24. IDENTIFICATION OF RESISTANCE BREAKING POPULATIONS OF *MELOIDOGYNE INCOGNITA* IN GEORGIA, USA. **Hajihassani, Abolfazl, J. Marquez, and N. Hamidi.**

25.PRELIMINARY SCREENING OF THE EMERGING ROOT-KNOT NEMATODE *MELOIDOGYNE ENTEROLOBII* FOR GEORGIA, USA. **Nugraha, Gema, and A. Hajihassani**.

26. Metatranscriptomics for the discovery of novel RNA viruses in nematodes and other soil-inhabiting organisms. **Vieira, Paulo, S. A. Subbotin, N. Alkharouf, J. D. Eisenback, and L. G. Nemchinov.**

27. MOLECULAR AND MORPHOLOGICAL CHARACTERIZATION OF *TRICHODORUS* N. SP. (NEMATODA: TRICHODORIDAE) FROM MARYLAND, UNITED STATES. **Handoo, Zafar A., M. Kantor, W. Decraemer, and S. Subbotin.**

28. Global COMPARATIVE GENOMICS of Radopholus similis.  **Wram, Catherine, C. Hesse, P. Vieria, S. Eves-van den Akker, R. Myers, D. Humphreys-Pereira, D. Coyne, P. DiGennaro, H. Lopez-Nicora, A. Cedeno, O. Emmanuel, K. Saikai,L. Duncan, O. Guzman, O. Adewuyi**, **J. Cobon, B. Chinnasri, R. Inserra, and I. Zasada.**

##### posters (Virtual) Gulfview Ballroom Salon I

**1.** TRAP CROPS FOR THE ERADICATION OF *GLOBODERA PALLIDA*, THE PALE CYST NEMATODE IN INFESTED IDAHO FIELDS. **Hickman, Paige, and L. M. Dandurand**.

**2.** NEMATODE MANAGEMENT IN FLORIDA SWEET POTATO USING NON-FUMIGANT NEMATICIDES. **Liu, Chang, and Z. J. Grabau.**

**3.** VERTICAL DISTRIBUTION OF NEMATODES IN PEANUT-COTTON CROPPING SYSTEMS.  **Schumacher, Lesley and Z. Grabau.**

**4.** A METHOD FOR CONDUCTING HATCHING STUDIES WITH *PRATYLENCHUS* SPP. **Pennewitt, Monica and G. L. Tylka.**

**5.** COTTON INFECTION BY *ROTYLENCHULUS* *RENIFORMIS* AS DETERMINED FROM FOUR ROOT SYSTEM PORTIONS. **Stetina, Salliana R., and J. Erpelding.**

**6.** MI-RESISTANT TOMATOES FOLLOWED BY CONTACT NEMATICIDES OR MUSTARD SEED MEAL MITIGATED ROOT-KNOT NEMATODE DAMAGE IN CARROTS. **Ploeg, Antoon and J. O. Becker.**

**7.** First report oF Seville root-knot nematode, *Meloidogyne hispanica* (Nematoda: Meloidogynidae) from North America. **Kantor, Mihail, Z. Handoo, S. Subbotin, A. Skantar and P. Vieira.**

**8.** INVESTIGATING THE ROLE OF ROOT LESION NEMATODES IN GINSENG. **Munawar, Asifa, K. Jordan, and V. Adam.**

**9**. INCIDENCE AND MOLECULAR DIVERSITY OF *CACTODERA* SPP. DETECTED IN THE UNITED STATES. **Skantar, Andrea M., Z. A. Handoo, S. Hafez, M. R. Kantor, M. Grabowski, and M. N. Hult.**

**10.** FAGUSTAT: investigating the threat of beech leaf disease in Europe. V**iaene, Nicole, N. Ebrahimi, A. Haegeman, A. van Bruggen, N. Ogris, S. Širca, B. Gerič Stare, T. Prior, A. Pérez Sierra, M. Groza,M. Coman, M. J. Hurley, D. Lanterbecq, S. Van Kerkhove and Q. Leroy.**

**11.** UNDERSTANDING THE CONDITION OF THE SOIL FOOD WEB USING THE INDICES OF NEMATODE COMMUNITIES IN MEDITERRANEAN FRUIT SYSTEMS. **Bastidas, Brynelly, E. Arellano, A. Gaxiola, E. Aballay, and S. Sánchez-Moreno.**

**12.** WATERMELON (*CITRULLUS* SPP*.*) TRANSCRIPTOME ANALYSIS IN RESPONSE TO SOUTHERN ROOT-KNOT NEMATODE (*MELOIDOGYNE INCOGNITA)* INFECTION. **Waldo, Benjamin, W. B. Rutter, W. P. Wechter, and A. Levi.**

**13.** effects of PLANTING DENSITY ON litchi tomato (*Solanum sisymbriifolium*) trap crop efficacy against the tobacco cyst nematode, *Globodera tabacum*. **LaMondia, James A. and L. M. Dandurand.**

**14.** SUPERIOR FITNESS IN ENTOMOPATHOGENIC NEMATODES APPLIED IN INFECTED HOSTS. **Shapiro-Ilan, David, S. Gulzar, M. Usman, W. Wakil, B. Gulcu, C. Hazir, M. Karagozand S. Hazir.**

**15.** ENTOMOPATHOGENIC NEMATODE BIOCONTROL OF STRIPED FLEA BEETLE LARVAE: A NOVEL METHODOLOGY FOR EFFICACY TESTING. **Haines, Stephanie A., A. C. Green, D. K. Londoño, and S. D. Berry.**

**16.** SURVEY AND SENSITIVE DETECTION OF NEMATODE TRANSMITTED VIRUSES AND VECTORS O SMALL FRUIT CROPS IN THE PACIFIC NORTHWEST (USA). **Reinhold, Lauri, M. Sudarshana, and I. Zasada.**

17. MANAGEMENT OF POTATO CYST NEMATODE (*GLOBODERA ROSTOCHIENSIS*) AND BACTERIAL WILT (*RALSTONIA SOLANACEARUM*) DISEASE COMPLEX ON POTATOES IN KENYA USING VARIOUS APPROACHES. **Ochieng’, Effie, J. Kimenju, D. Miano, S. Kalpana, C.H. Opperman, T. Pirzada,L. Cortada-Gonzalez, and D. Coyne**