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Resultado de la investigación

Stimulus-dependent learning and memory in the neotropical ant *Ectatomma ruidum*

Riveros, A. J., Entler, B. V. & Seid, M. A., may 1 2021, En: *Journal of Experimental Biology*. 224, 9

Learning of bimodal versus unimodal signals in restrained bumble bees

Riveros, A. J., Leonard, A. S., Gronenberg, W. & Papaj, D. R., may 2020, En: *Journal of Experimental Biology*. 223, 10, p. 1-9 9 p., jeb220103.

Magnetic compasses in insects

Riveros, A. J. & Srygley, R. B., ene 1 2019, *Encyclopedia of Animal Behavior*. Elsevier, p. 588-597 10 p.

Magnetic anisotropy and organization of nanoparticles in heads and antennae of neotropical leaf-cutter ants, *Atta colombica*

Alves, O. C., Srygley, R. B., Riveros, A. J., Barbosa, M. A., Esquivel, D. M. S. & Wajnberg, E., oct 29 2014, En: *Journal of Physics D: Applied Physics*. 47, 43, 435401.

Color-dependent learning in restrained Africanized honey bees

Jernigan, C. M., Roubik, D. W., Wcislo, W. T. & Riveros, A. J., feb 2014, En: *Journal of Experimental Biology*. 217, 3, p. 337-343 7 p.

Do leaf-cutter ants *Atta colombica* obtain their magnetic sensors from soil?

Riveros, A. J., Esquivel, D. M. S., Wajnberg, E. & Srygley, R. B., ene 2014, En: *Behavioral Ecology and Sociobiology*. 68, 1, p. 55-62 8 p.

El Niño, Host Plant Growth, and Migratory Butterfly Abundance in a Changing Climate

Srygley, R. B., Dudley, R., Oliveira, E. G. & Riveros, A. J., ene 2014, En: *Biotropica*. 46, 1, p. 90-97 8 p.

Intoxicación por superwarfarinas

Riveros Rivera, A. J., ago 13 2013, *Tecnología en urgencias: Guía práctica*. 1 ed. Editorial Médica Celsus, p. 363 - 370

Evolution of brain size in class-based societies of fungus-growing ants (*Attini*)

Riveros, A. J., Seid, M. A. & Wcislo, W. T., abr 2012, En: *Animal Behaviour*. 83, 4, p. 1043-1049 7 p.

Metabolic scaling in insects supports the predictions of the WBE model

Riveros, A. J. & Enquist, B. J., jun 2011, En: *Journal of Insect Physiology*. 57, 6, p. 688-693 6 p.

Brain allometry and neural plasticity in the bumblebee *bombus occidentalis*

Riveros, A. J. & Gronenberg, W., jun 2010, En: *Brain, Behavior and Evolution*. 75, 2, p. 138-148 11 p.

Sensory allometry, foraging task specialization and resource exploitation in honeybees

Riveros, A. J. & Gronenberg, W., may 2010, En: *Behavioral Ecology and Sociobiology*. 64, 6, p. 955-966 12 p.

El Niño and dry season rainfall influence hostplant phenology and an annual butterfly migration from Neotropical wet to dry forests

Srygley, R. B., Dudley, R., Oliveira, E. G., Aizprúa, R., Pelaez, N. Z. & Riveros, A. J., mar 2010, En: *Global Change Biology*. 16, 3, p. 936-945 10 p.

Ambientes conductuales y plasticidad cerebral: de la vida solitaria a la social

Riveros Rivera, A. J., 2010, *Bases Biológicas Del Comportamiento Animal Y Humano*. Bogotá: Universidad Nacional de Colombia

Migration, Orientation and Navigation: Magnetic Compasses in Insects

Riveros Rivera, A. J. & Srygley, R. B., 2010, *Encyclopedia of Animal Behavior*. Elsevier Ltd, p. 305-313 8 p. (Book Chapter).

Olfactory learning and memory in the bumblebee *Bombus occidentalis*

Riveros, A. J. & Gronenberg, W., jul 2009, En: *Naturwissenschaften*. 96, 7, p. 851-856 6 p.

Body size and the neural, cognitive and sensory basis of sociality in bees

Riveros Rivera, A. J., 2009, 118 p.

Learning from learning and memory in bumblebees

Riveros, A. J. & Gronenberg, W., 2009, En: *Communicative and Integrative Biology*. 2, 5, p. 437-440 4 p.

Nesting biology of *Euglossa dodsoni* Moure (Hymenoptera: Euglossinae) in Panama

Riveros, A. J., Hernández, E. J. & Wcislo, W. T., 2009, En: *Journal of the Kansas Entomological Society*. 82, 2, p. 210-214 5 p.

Social brains and behavior: past and present

Riveros Rivera, A. J. & Gronenberg, W., 2009, *Organization of Insect Societies: From Genome to Sociocomplexity*. Cambridge: Harvard University, p. 377-401 24 p. (Organization of insect societies: from genome to sociocomplexity).

Do leafcutter ants, *Atta colombica*, orient their path-integrated home vector with a magnetic compass?

Riveros, A. J. & Srygley, R. B., abr 2008, En: *Animal Behaviour*. 75, 4, p. 1273-1281 9 p.

On Lilliputians and Brobdingnagians: From Bacteria to Blue Whales

Riveros Rivera, A. J., 2007, *Trends in Ecology and Evolution*.

Experimental evidence for a magnetic sense in Neotropical migrating butterflies (Lepidoptera: Pieridae)

Srygley, R. B., Dudley, R., Oliveira, E. G. & Riveros, A. J., ene 2006, En: *Animal Behaviour*. 71, 1, p. 183-191 9 p.

Behavioral maturation and learning in the bumblebee *Bombus occidentalis* (Hymenoptera: Apidae)

Riveros Rivera, A. J. & Gronenberg, W., 2006.

Morphological constraints and nectar robbing in three Andean bumble bee species (Hymenoptera, Apidae, Bombini)

Riveros Rivera, A. J., Hernández, E. J. & Nates-Parra, G., 2006, En: *Caldasia*. p. 111-114 4 p.

Actividades

Condicionamiento de abejas

Andre Josafat Riveros Rivera (Participante)
ago 1 2019 → ene 31 2020

Neuroanatomía de abejas

Andre Josafat Riveros Rivera (Participante)
ago 1 2019 → ene 31 2020

Proyectos

Use of multimodal information by bees

Riveros Rivera, A. J. & Gronenberg, W.