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Ostap-Chec, M., Bajorek, D., Antoń, W., Stec, D., **Miler, K.** 2024. Occasional and constant exposure to dietary ethanol shortens the lifespan of worker honey bees. *Journal of Comparative Physiology B* 194: 403-410.

Turza, F., **Miler, K.** 2023. Small workers are more persistent when providing and requiring help in a monomorphic ant. *Scientific Reports* 13: 21580.

Turza, F., **Miler, K.** 2023. Injury shortens life expectancy in ants and affects some risk-related decisions of workers. *Animal Cognition* 26: 1643-1647.

Miler, K., Scharf, I. 2023. Behavioral differences between pit-building antlions and wormlions suggest limits to convergent evolution. *Integrative Zoology* 19: 710-719.

Miler, K., Scharf, I. 2022. Wind impairs pit trap construction and hunting success in a pit-building predator. *Journal of Zoology* 317: 185-194.

Miler, K., Stec, D., Pardyak, L., Kamińska, A., Kuszewska, K. 2022. No increase in alcohol dehydrogenase levels following repeated ethanol exposure in young honeybee workers. *Physiological Entomology* 47: 110-116.

Miler, K., Czarnoleski, M. 2022. Heat stress during development makes antlion larvae more responsive to vibrational cues. *Current Zoology* 68: 345-350.

Miler, K., Scharf, I. 2022. Operant conditioning in antlion larvae and its impairment following exposure to elevated temperatures. *Animal Cognition* 25: 509-518.

Turza, F., **Miler, K.** 2022. Comparative analysis of experimental testing procedures for the elicitation of rescue actions in ants. *Current Zoology* 68: 159-168.

Miler, K., Scharf, I. 2022. Convergent evolution of antlions and wormlions: similarities and differences in the behavioral ecology of unrelated trap-building predators. *Behavioral Ecology and Sociobiology* 76: 12.

Miler, K., Turza, F. 2021. "O Sister, Where Art Thou?"—A Review on Rescue of Imperiled Individuals in Ants. *Biology* 10: 1079.

Ostap-Chec, M., Opalek, M., Stec, D., **Miler, K.** 2021. Discontinued alcohol consumption elicits withdrawal symptoms in honeybees. *Biology Letters* 17: 20210182.

Miler, K., Czarnoleski, M. 2021. Past thermal conditions affect hunting behaviour in larval antlions. *Royal Society Open Science* 8: 210163.

Miler, K., Opalek, M., Ostap-Chec, M., Stec, D. 2021. Diel rhythmicity of alcohol-induced intoxication in the honeybee workers. *Journal of Zoology* 314: 96-103.

Miler, K., Stec, D., Kamińska, A., Pardyak, L., Kuszewska, K. 2021. Alcohol intoxication resistance and alcohol dehydrogenase levels differ between the honeybee castes. *Apidologie* 52: 230-241.

Miler, K., Stec, D., Czarnoleski, M. 2020. Heat wave effects on the behavior and life history traits of sedentary antlions. *Behavioral Ecology* 31: 1326-1333.

Turza, F., Zuber, G., Bzoma, M., Prus, M., Filipiak, M., **Miler, K.** 2020. Ants co-occurring with predatory antlions show unsuccessful rescue behavior towards captured nestmates. *Journal of Insect Behavior* 33: 1-6.

Peryga, M., **Miler, K.** 2020. A certain note on the wrestling behavior of *Haemadipsa picta* leeches. *Israel Journal of Ecology and Evolution* 66: 91-93.

- Miler K.**, Gurgul A., Peryga M., Czarnoleski M. 2019. Larger leeches attack from higher ground: size-dependent preferences for ambush sites in the Bornean terrestrial leech *Haemadipsa picta*. *Journal of Tropical Ecology* 35: 140-143.
- Kuszevska K., **Miler K.**, Woyciechowski M. 2019. Rebel honeybee workers preferentially respond to high concentrations of sucrose. *Apidologie* 50: 253-261.
- Miler K.**, Yahya B.E., Czarnoleski M. 2019. Substrate moisture, particle size and temperature preferences of trap-building larvae of sympatric antlions and wormlions from the rainforest of Borneo. *Ecological Entomology* 44: 488-493.
- Antoń A., Rojek W., **Miler K.**, Czarnoleski M. 2018. Thermal dependence of trap building in predatory antlion larvae (Neuroptera: Myrmeleontidae). *Journal of Ethology* 36: 199-203.
- Miler K.**, Yahya B.E., Czarnoleski M. 2018. Different predation efficiencies of trap-building larvae of sympatric antlions and wormlions from the rainforest of Borneo. *Ecological Entomology* 43: 255-262.
- Miler K.**, Kuszevska K., Zuber G., Woyciechowski M. 2018. Larval antlions show a cognitive ability/hunting efficiency trade-off connected with the level of behavioural asymmetry. *Animal Cognition* 21: 613-617.
- Miler K.**, Kuszevska K., Privalova V., Woyciechowski M. 2018. Honeybees show adaptive reactions to ethanol exposure. *Scientific Reports* 8: 8707.
- Kuszevska K., **Miler K.**, Woyciechowski M. 2018. Honeybee rebel workers invest less in risky foraging than normal workers. *Scientific Reports* 8: 9459.
- Kuszevska K., **Miler K.**, Rojek W., Ostap-Chęć M., Woyciechowski M. 2018. Rebel honeybee workers have a tendency to become intraspecific reproductive parasites. *Ecology and Evolution* 8: 11914-11920.
- Miler K.**, Kuszevska K. 2017. Secretions of mandibular glands are not involved in the elicitation of rescue behaviour in *Formica cinerea* ants. *Insectes Sociaux* 64: 303-305.
- Kierat J., **Miler K.**, Celary W., Woyciechowski M. 2017. Interspecific interactions in solitary Aculeata – is the presence of heterospecifics important for females establishing nests? *Bulletin of Entomological Research* 108: 35-39.
- Kuszevska K., **Miler K.**, Rojek W., Woyciechowski M. 2017. Honeybee workers with higher reproductive potential live longer lives. *Experimental Gerontology* 98: 8-12.
- Miler K.**, Yahya B.E., Czarnoleski M. 2017. Pro-social behaviour of ants depends on their ecological niche – rescue actions in species from tropical and temperate regions. *Behavioural Processes* 144: 1-4.
- Miler K.**, Symonowicz B., Godzińska E.J. 2017. Increased risk proneness or social withdrawal? The effects of shortened life expectancy on the expression of rescue behavior in workers of the ant *Formica cinerea* (Hymenoptera: Formicidae). *Journal of Insect Behavior* 30: 632-644.
- Miler K.**, Kuszevska K., Woyciechowski M. 2017. Larval antlions with more pronounced behavioural asymmetry show enhanced cognitive skills. *Biology Letters* 13: 20160786.
- Miler K.** 2016. Moribund ants do not call for help. *PLOS ONE* 11: e0151925.
- Kuszevska K., **Miler K.**, Filipiak M., Woyciechowski M. 2016. Sedentary antlion larvae (Neuroptera: Myrmeleontidae) use vibrational cues to modify their foraging strategies. *Animal Cognition* 19: 1037-1041.
- Miler K.**, Yahya B.E., Czarnoleski M. 2016. Reduced damage and epiphyll cover of leaves of *Korthalsia rattans* that host *Camponotus* ants in the rain forest of Malaysian Borneo. *Journal of Tropical Ecology* 32: 330-334.
- Plesnar-Bielak A., Skrzynecka A.M., **Miler K.**, Radwan J. 2014. Selection for alternative male reproductive tactics alters intralocus sexual conflict. *Evolution* 68: 2137-2144.