

## LISTA DE PUBLICAȚII

### În reviste internaționale cu factor de impact

Pap PL, Pătraș L, Osváth G, Buehler DM, Versteegh MA, Sesarman A, Banciu M, Vágási CI 2015. Seasonal patterns and relationships among coccidian infestations, measures of oxidative physiology, and immune function in free-living house sparrows over an annual cycle. *Physiological and Biochemical Zoology in press.*

Pap P.L., Osváth G., Sándor K., Vincze O., Bărbos L., Marton A., Nudds R.L., Vágási C.I. (2015). Interspecific variation in the structural properties of flight feathers in birds indicates adaptation to flight requirements and habitat. *Functional Ecology in press.*

Pap P.L., Vágási C.I., Vincze O., Osváth G., Veres-Szászka J., Czirják G.Á. (2015). Physiological pace of life: the link between constitutive immunity, developmental period, and metabolic rate in European birds. *Oecologia* 177: 147-158.

Díaz-Real J., Serrano D., Pérez-Tris J., Fernández-González S., Bermejo A., Calleja J.A., De la Puente J., De Palacio D., Martínez J.L., Moreno-Opo R., Ponce C., Frías Ó., Tella J.L., Møller A.P., Figuerola J., Pap P.L., Kovács I., Vágási C.I., Meléndez L., Blanco G., Aguilera E., Senar J.C., Galván I., Atiénzar F., Barba E., Cantó J.L., Cortés V., Monrós J.S., Piculo R., Vögeli M., Borràs A., Navarro C., Mestre A., Jovani R. (2014). Repeatability of feather mite prevalence and intensity in passerine birds. *PLoS ONE* 9: e107341.

Pap P.L., Sesarman A., Vágási C.I., Buehler D.M., Pătraș L., Versteegh M.A., Banciu M. (2014). No evidence for parasitism-linked changes in immune function or oxidative physiology over the annual cycle of an avian species. *Physiological and Biochemical Zoology* 87: 729-739.

Bókony V., Lendvai Á.Z., Vágási C.I., Pătraș L., Pap P.L., Németh J., Vincze E., Papp S., Preiszner B., Seress G., Liker A. (2014). Necessity or capacity? Physiological state predicts problem solving performance in house sparrows. *Behavioral Ecology* 25: 124-135.

Møller A.P., Merino S., Soler J.J., Antonov A., Badás E.P., Calero-Torralbo M.A., de Lope F., Eeva T., Figuerola J., Flensted-Jensen E., Garamszegi L.Z., González-

- Braojos S., Gwinner H., Hanssen S.A, Heylen D., Ilmonen P., Klarborg K., Korpimäki E., Martínez J., Martínez-de la Puente J., Marzal A., Matthysen E., Matyjasiak P., Molina-Morales M., Moreno J., Mousseau T.A., Nielsens J.T., Pap P.L., Rivero-de Aguilar J., Shurulinkov P., Slagsvold T., Szép T., Szöllösi E., Török J., Vaclav R., Valera F., Ziane N. (2013). Assessing the effects of climate on host-parasite interactions: A comparative study of European birds and their parasites. *PLoS ONE* 8: e82886.
- Vincze, O., Vágási, I.C., Kovács, I., Galván, I., Pap, P.L. (2013). Sources of variation in uropygial gland size in European birds. *Biological Journal of the Linnean Society* 110: 543-563.
- Møller, A.P., Vágási, C.I., Pap, P.L. (2013). Risk-taking and the evolution of mechanisms for rapid escape from predators. *Journal of Evolutionary Biology* 26: 1143-1150.
- Czirják, G.Á., Pap, P.L., Vágási, C.I., Giraudeau, M., Mureşan, C., Mirleau, P., Heeb, P. (2013). Preen gland removal increases plumage bacterial load but not that of feather-degrading bacteria. *Naturwissenschaften* 100: 145-151.
- Pap, P.L., Vágási, I.C., Bărbos, L., Marton, A. (2013). Chronic coccidian infestation compromises flight feather quality in house sparrows *Passer domesticus*. *Biological Journal of the Linnean Society* 108: 414-428.
- Pap, P.L., Adam, C., Vágási, I.C., Benkő, Z., Vincze, O. (2013). Sex ratio and sexual dimorphism of three lice species with contrasting prevalence parasitizing the house sparrow. *Journal of Parasitology* 99:24-30.
- Vágási, I.C., Pap, P.L., Vincze, O., Benkő, Z., Marton, A., Barta, Z. (2012). Haste Makes Waste but Condition Matters: Molt Rate-Feather Quality Trade-Off in a Sedentary Songbird. *PLoS ONE* 7: e40651.
- Galván, I., Aguilera, E., Atiénzar, F., Barba, E., Blanco, G., Cantó, J.L., Cortés, V., Frías, Ó., Kovács, I., Meléndez, L., Møller, A.P., Monrós, J.S., Pap, P.L., Piculo, R., Senar, J.C., Serrano, D., Tella, J.L., Vágási, C.I., Vögeli, M., Jovani, R. (2012). Feather mites and body condition of their avian hosts: a large correlative study. *Journal of Avian Biology* 43: 273-279.
- Marzal, A., Ricklefs, R.E., Valkiūnas, G., Albayrak, T., Arriero, E., Bonneaud, C., Czirják, G.A., Ewen, J., Hellgren, O., Horakova, D., Iezhova, T.A., Jensen, H., Križanauskienė, A., Lima, M.R., de Lope, F., Magnussen, E., Martin, L.B., Møller, A.P., Palinauskas, V., Pap, P.L., Pérez-Tris, J., Sehgal, R.N.M., Soler, M.,

- Szöllősi, E., Westerdahl, H., Zetindjiev, P., Bensch, S. (2011). Diversity, Loss, and Gain of Malaria Parasites in a Globally Invasive Bird. *PLoS ONE* 6: e21905.
- Pap, P.L., Vágási, I.C., Czirják, G.Á., Titilincu, A., Pinteá, A., Osváth, G., Fülöp, A., Barta, Z. (2011). The effect of coccidians on the condition and immune profile of molting house sparrows (*Passer domesticus*). *The Auk* 128: 330–339.
- Vágási, I.C., Pap, P.L., Tökölyi, J., Székely, E., Barta, Z. (2011). Correlates of variation in flight feather quality in the Great Tit *Parus major*. *Ardea* 99: 53–60.
- Vágási, I.C., Pap, P.L., Barta, Z. (2010). Haste Makes Waste: Accelerated Molt Adversely Affects the Expression of Melanin-based and Depigmented Plumage Ornaments in House Sparrows. *PLoS ONE* 5: e14215.
- Pap, P.L., Vágási, I.C., Osváth, G., Mureşan, C., Barta, Z. (2010). Seasonality in the uropygial gland size and feather mite abundance in house sparrows: natural covariation and an experiment. *Journal of Avian Biology* 41: 653-661.
- Pap, P.L., Czirják, G.Á., Vágási, I.C., Barta, Z., Hasselquist, D. (2010). Sexual dimorphism in immune function changes during the annual cycle in the house sparrows. *Naturwissenschaften* 97: 891-901.
- Pap, P.L., Vágási, I.C., Tökölyi, J., Czirják, G.Á., Barta, Z. (2010). Variation in haematological indices and immune function during the annual cycle in the Great Tit *Parus major*. *Ardea* 98: 105-112.
- Pap, P.L., Vágási, I.C., Czirják, G.Á., Titilincu, A., Pinteá, A., Barta, Z. (2009). Carotenoids modulate the effect of coccidian infection on the condition and immune response in moulting house sparrows. *Journal of Experimental Biology* 212: 3228-3235.
- Pap, P.L., Vágási, I.C., Czirják, G.Á., Barta, Z. (2008). Diet quality affects postnuptial molting and feather quality of the house sparrow (*Passer domesticus*): interaction with humoral immune function? *Canadian Journal of Zoology* 86: 834-842.
- Pap, P.L., Barta, Z., Tökölyi, J., Vágási, I.C. (2007). Increase of feather quality during moult: a possible implication of feather deformities in the evolution of partial moult in the great tit. *Journal of Avian Biology* 38: 471-478.
- Szép, T., Møller, A.P., Piper, S., Nuttall, R., Szabó, D.Z., Pap, P.L. (2007). Migratory connectivity in barn swallows and other hirundines. *Journal of Ornithology* 148: 257-260.
- Stokke, B.G., Hafstad, I., Rudolfsen, G., Bargain, B., Beier, J., Campas, D.B., Dyrce, A., Honza, M., Leisler, B., Pap, P.L., Patapavicius, P., Prochazka, P., Schulze-

- Hagen, K., Thomas, R., Moksnes, A., Møller, A.P., Røskaft, E., Soler, M. (2007). Host density predicts presence of cuckoo parasitism in reed warblers. *Oikos* 116: 913-922.
- Møller, A.P., Chabi, Y., Cuervo, J.J., de Lope, F., Kilpimaa, J., Kose, M., Matyjasiak, P., Pap, P.L., Saino, N., Sakraoui, R., Schifferli, L., von Hirschheydt, J. (2006). An analysis of continent-wide patterns of sexual selection in a passerine bird. *Evolution* 60: 856-868.
- Szép, T., Møller, A.P., Piper, S., Nuttall, R., Szabó, Z.D., Pap, P.L. (2006). Searching for potential wintering and migration areas of a Danish Barn Swallow population in South Africa by correlating NDVI with survival estimates. *Journal of Ornithology* 147: 245-253.
- Pap, P.L., Szép, T., Tökölyi, J., Piper, S. (2006). Habitat preference, escape behavior and cues used by feather mites to avoid molting wing feathers. *Behavioral Ecology* 17: 277-284.
- Pap, P.L., Tökölyi, J., Szép, T. (2005). Host-symbiont relationship and abundance of feather mites in relation to age and body condition of the barn swallow (*Hirundo rustica*): an experimental study. *Canadian Journal of Zoology* 83: 1059-1066.
- Pap, P.L., Tökölyi, J., Szép, T. (2005). Frequency and consequences of feather holes in Barn Swallows *Hirundo rustica*. *Ibis* 146: 169-175.
- Pap, P.L., Márkus R. (2003). Cost of reproduction, T-lymphocyte mediated immunocompetence and health status in female and nestling Barn Swallows *Hirundo rustica*. *Journal of Avian Biology* 34: 428-434.
- Pap, P.L. (2002). Breeding time and sex-specific health status in the barn swallow (*Hirundo rustica*). *Canadian Journal of Zoology* 80: 2090-2099.

### **In reviste națională de interes local**

- Vincze, O., Daróczi, J.Sz., Kelemen, A.M., Kovács, I., Pap, P.L., Papp, T., Sándor, D.A., Zeitz, R. (2011). The avifauna of the Giurgeu Depression. In: Markó, B., Sarkany-Kiss, E. (eds.) *A Gyergyói-medence: egy mozaikos táj természeti értékei*, Editura Presa Universitară Clujeană, Cluj-Napoca, pp. 183-214. (in Hungarian with English abstract).

- Muresan, C., Pap, P.L., Czirják, G.Á., Bolfa, P. (2009). Excision of the uropygial gland in the house sparrow. *Lucrari Stiintifice, Medicina Veterinara, Timisoara*, 17: 111-114.
- Muresan, C., Czirják, G.Á., Pap, P.L., Köbölkuti, L.B. (2008). Ketamine and xylazine anaesthesia in the house sparrow. *Bulletin UASVM, Veterinary Medicine* 65: 193-195.
- Pap, P.L., Szabó, D.Z. (1999). The influence of weather on the nestling growth of the Barn Swallow (*Hirundo rustica*). *Múzeumi Füzetek* 8: 122-130. (in Hungarian with English abstract)
- Kósa F., Munteanu D., Pap P.L., Sándor D.A., Szabó D.Z. (1998). Results of White Stork (*Ciconia ciconia*) Census in Cluj County in 1996. *Studia* 43: 65-70. (in Romanian with English abstract)
- Pap, P.L., Szabó, D.Z. (1998). Clutch- and egg size variation in the Barn Swallow (*Hirundo rustica*) during the breeding season. *Collegium Biologicum* 2: 75-89. (in Hungarian with English abstract)
- Pap P.L., Szabó D.Z., Ambrus L. (1998). The study of food composition of the Barn Swallow (*Hirundo rustica*): the question of load size. *Collegium Biologicum* 1: 49-54. (in Hungarian with English abstract)
- Pap P.L., Ambrus L., Szabó D.Z. (1997). The study of the breeding biology of the Barn Swallow (*Hirundo rustica*) in a county in the Transsylvanian Plateau. *Múzeumi Füzetek* 6. (in Hungarian with English abstract)

Cluj Napoca,  
6.01.2015

Conf. Dr. Pap Péter László