

2011

---

Gomez, D., Richardson, C., Théry, M., Lengagne, T., Léna, J.P., Plénet, S., Joly, P., 2011 - Multimodal signals in male European treefrog (*Hyla arborea*) and the influence of population isolation on signal expression. *Biological Journal of the Linnean Society*, 103(3) : 633-647.

Janin A., Léna, J.P., Joly P., 2011 - Beyond occurrence : Body condition and stress hormone as integrative indicators of habitat availability and fragmentation in the common toad *Limnolinguatula*. *Biological Conservation*, Vol. 144(3) : 1008-1016.

Luquet, E., David, P., Léna, J.P., Joly, P., Konecny, L., Dufresnes, C., Perrin, N., Plénet, S., 2011 - Heterozygosity-fitness correlations among wild populations of European tree frog (*Hyla arborea*) detect fixation load. *Molecular Ecology*, 20(9) : 1877-1887.

Luquet, E., Léna, J.P., David, P., Joly, P., Lengagne, T., Perrin, N., Plénet, S., 2011 - Consequences of genetic erosion on fitness and phenotypic plasticity in European tree frog populations (*Hyla arborea*). *Journal of Evolutionary Biology*, 24 : 99-110.

Luquet, E., Vorburger, C., Hervant, F., Joly, P., Kaufmann, B., Schmeller, D. S., Léna, J.P., Grolet, O., Konecny, L., Plénet, S., 2011 - Invasiveness of an introduced species: the role of hybridization and ecological constraints. *Biological Invasions*, 13(8) : 1901-1915.

2010

---

Broquet, T., Angelone, S., Jaquierey, J., Joly, P., Léna, J.P., Lengagne, T., Plénet, S., Luquet, E., Perrin, N., 2010 - Genetic Bottlenecks Driven by Population Disconnection. *Conservation Biology*, 24(6) : 1596-1605.

Gomez, D., Richardson, C., Lengagne, T., Derex, M., Plénet, S., Joly, P., Léna, J.P., Théry, M. Support for a role of colour vision in mate choice in *Hyla arborea*. *Behaviour*. 147 : 1753-1768.

Richardson, C., Gomez, D., Durieux, R., Théry, M., Joly, P., Léna, J.P., Plénet, S., Lengagne, T., 2010 - Hearing is not necessarily believing in nocturnal anurans. *Biology Letters*, 23 : 633-635.

Richardson, C., Joly, P., Léna, J.P., Plénet, S., Lengagne, T., 2010 - The challenge of finding a high-quality male: a treefrog solution based on female assessment of male calls. *Behaviour*, 147 : 1737-1752.

2009

---

Gomez, D., Richardson, C., Lengagne, T., Plénet, S., Joly, P., Léna, J.P., They, M. The role of nocturnal vision in mate choice : females prefer conspicuous males in the European treefrog (*Hyla arborea*). *Proceedings of the Royal Society of London B*, 276 : 2351-2358.

Janin, A., Léna, J.P., Ray, N., Delacourt, C., Allemand, P., Joly, P. Assessing landscape connectivity with calibrated cost-distance modelling: predicting common toad distribution in a context of spreading agriculture. *Journal of Applied Ecology*, 46 : 833-841.

Planade, B., Léna, J.P., Li, H., Plenet, S., Guegan, J.F., Thomas, F., Hurtrez-Bousses, S., Renaud, F., Joly P., 2009 - Tracking a heterosis effect in the field : tadpole resistance to parasites in the water frog hybridogenetic complex. *Parasitology*, 136 : 1003-1013.

Reyjol, Y., Léna, J.P., Hervant, F., Pont, D., 2009 – Effects of temperature on biological and biochemical indicators of the life-history strategy of bullhead *Cottus gobio*. *Journal of Fish Biology*, 75 : 1427-1445.

2008

---

Marquis, O., Miaud, C., Léna, J.P., 2008 - Developmental responses to UV-B radiation in common frog *Rana temporaria* embryos from along an altitudinal gradient. *Population Ecology*, 50 : 123-130.

Noirard, C., Le Berre, M., Ramousse, R., Léna, J.P., 2008 – Seasonal variation of thermoregulatory behaviour in the Hippopotamus (*Hyppopotamus amphibius*). *Journal of Ethology*, 26 : 191-193.

Planade, B., Bain, O., Léna, J.P., Joly, P., 2008 – *Girinicola chabadamsoni* n. sp. and *G. tba* (Dinnik 1933) (Nematoda, Oxyuroidea) from tadpoles of the hybridogenetic complex *Rana lessonae-esculenta* (Amphibia, Ranoidea). *Zootaxa*, 1764 : 25-39.

Puijalon, S., Léna, J.P., Riviere, N., Champagne, J.Y., Rostan, J.C., Bornette, G., 2008 – Phenotypic plasticity in response to mechanical stress : hydrodynamic performance and fitness of four aquatic plant species. *New Phytologist*, 177 : 907-917.

Richardson, C., Léna, J.P., Joly, P., Lengagne, T., 2008 – Are leaders good mates ? A study of call timing and male quality in a chorus situation. *Animal Behaviour*, 76 : 1487-1495.

2007

---

Denoël, M., Léna, J.P., J.P., Joly, P., 2007 – Morph switching in a dimorphic population of *Triturus alpestris* (Amphibia, Caudata). *Evolutionary Ecology*. 21 : 325-335.

Puijalon, S., Léna, J.P., Bornette, G. 2007 – Interactive effects of nutrient and mechanical stresses on plant morphology. *Annals of Botany*. 100 : 1297-1305.

2005

---

Teplitsky C., Plenet, Léna, J.P., Mermet, N., Malet, E., Joly P., 2005 – Escape behaviour and

ultimate causes of specific induced defences in an anuran tadpole. *Journal of Evolutionary Biology* 18 : 180-190.

2004

---

Gautier, P., Léna, J.P., Miaud, C., 2004 – Responses to conspecific scent marks and the ontogeny of territorial marking in immature terrestrial salamanders. *Behavioural Ecology and Sociobiology*, 55 : 447-453.

2000

---

Léna, J.P., De Fraipont, M., Clobert, J., 2000 – Affinity to maternal odor and offspring dispersal in the common lizard. *Ecology Letters*, 3 : 300-308.

1998

---

Léna, J.P., Clobert, J., De Fraipont, M., Lecomte, J., Guyot G., 1998 – The relative influence of density and kinship on dispersal in the common lizard. *Behav. Ecol.* 9 : 500-507.

Léna, J.P., De Fraipont M., 1998 – Kin recognition in the common lizard. *Behav. Ecol. Sociobiol.* 42 : 341-347.