



## Leticia Avilés, Ph.D.

Assistant Professor of Ecology and Evolutionary Biology

University of Arizona, Tucson

FOCUS

---

### PROJECT

Evolution of Sociality and Life History Evolution in Metapopulations

---

TUESDAY COLLOQUIUM, 15.05.2001

The Nonlinear Effects of Cooperation and the Origin and Dynamics of Social Groups

Avilés, Leticia (Amsterdam, 2010)

It takes grouping and cooperation to get sociality

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1686528108>

Avilés, Leticia (Washington, DC, 2008)

Cooperative capture of large prey solves scaling challenge faced by spider societies

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=1725912961>

Avilés, Leticia (2007)

Altitudinal patterns of spider sociality and the biology of a new midelevation social *Anelosimus* species in Ecuador

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=104709326X>

Avilés, Leticia (2007)

Smaller colonies and more solitary living mark higher elevation populations of a social spider

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776802445>

Avilés, Leticia (2007)

The role of prey size and abundance in the geological distribution of spider sociality

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776799525>

Avilés, Leticia (2007)

The phylogeny of the social *Anelosimus* spiders (Araneae: Theridiidae) inferred from six molecular loci and morphology

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776789341>

Avilés, Leticia (2006)

Society-focused spiders live and hunt together

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=857218565>

Avilés, Leticia (2006)

Sociality in theridiid spiders : repeated origins of an evolutionary dead end

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776803328>

Avilés, Leticia (2006)

A new independently derived social spider with explosive colony proliferation and a female size dimorphism

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=776783696>

Avilés, Leticia (2004)

The kin composition of social groups : trading group size for degree of altruism

<https://kxp.k1oplus.de/DB=9.663/PPNSET?PPN=77678319X>