

New Zealand Mudsnails in Los Angeles and Ventura Counties (Known distribution as of 7/2010)

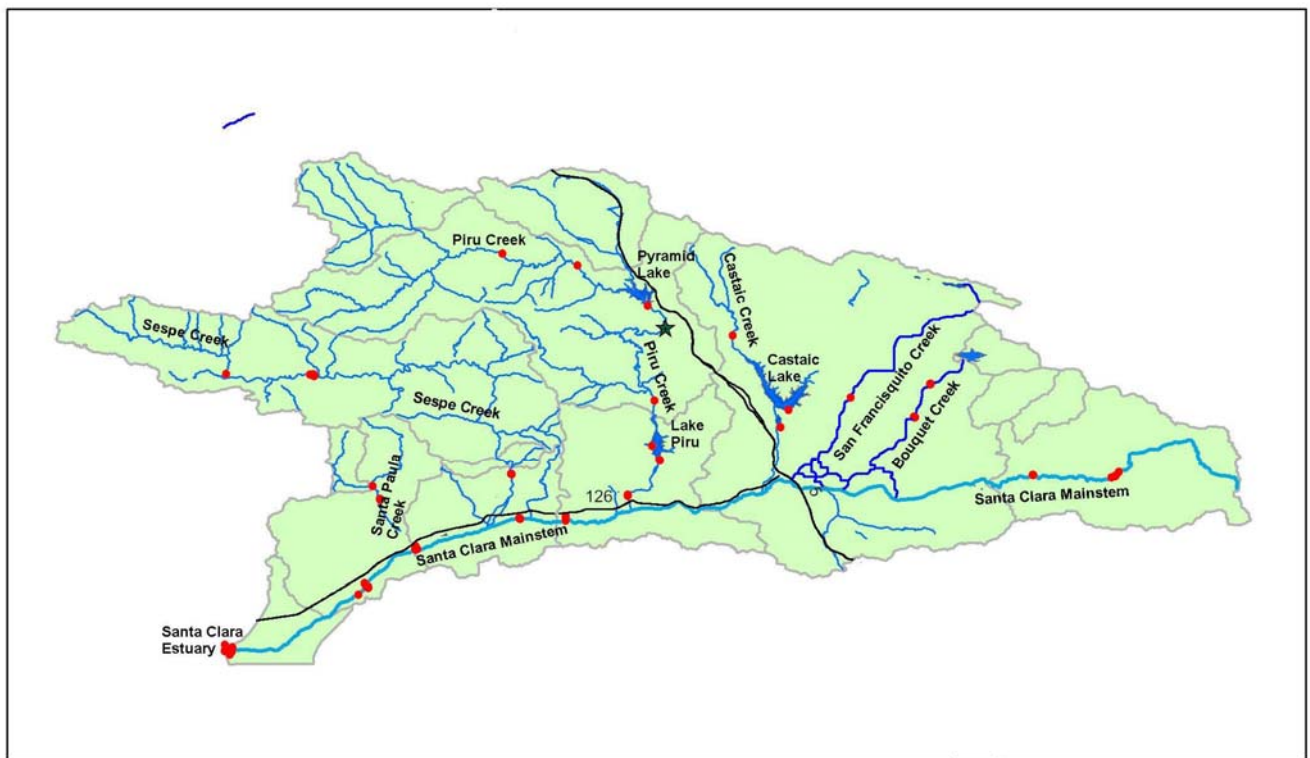
University of California
Agriculture and Natural Resources
Cooperative Extension Natural Resources Program
Los Angeles and Ventura Counties



From 2006-2009, researchers from UC Cooperative Extension, UC Santa Barbara, CSU Channel Islands, the Santa Monica Bay Restoration Commission and Santa Monica Baykeeper mapped the distribution of New Zealand Mudsnails in Los Angeles and Ventura Counties. Methods included detailed visual inspections and collection of benthic macroinvertebrate samples for microscopic examination.

Santa Clara River Watershed

The UCCE/UCSB/CSUCI Team examined sites throughout the Santa Clara River watershed. Infestations were only detected in Piru Creek at Frenchman’s Flat (known as a NZMS site since 2006) and downstream at Blue Point Campground. We believe that the infestation has moved up and downstream, and the reach between Frenchman’s Flat and Blue Point, including the Piru Gorge, should be considered infested. All other sampling locations on the map below were examined and no mudsnails were found. Research on the ecological impacts of NZMS infestation are being conducted at Frenchman’s Flat.



Map of field sites in the Santa Clara River Watershed, New Zealand Mudsnail Monitoring and Ecological Impacts Study
UCCE, UCSB, CSUCI
May 15, 2009



Santa Monica Mountain Watersheds

The team from the Santa Monica Bay Restoration Commission, Santa Monica Baykeeper and Heal the Bay has surveyed the distribution of New Zealand Mudsnails in the Santa Monica Mountains since 2006. By April 2009, NZMS were found at 29 sites in nine streams:

1. Cold Creek
2. Las Virgenes Creek
3. Lindero Creek
4. Malibu Creek
5. Medea Creek
6. Palo Comado Creek
7. Ramirez Canyon Creek
8. Solstice Creek
9. Triunfo Creek



Figure 7. Surveyed Streams Showing Presence/Absence of NZMS. Red lines indicate streams that are infested with NZMS as of April 2009.

Map taken from Abramson, M, J. Topel, and H. Burdick 2009. *New Zealand Mudsnaail Surveys July 2006-April 2009, Santa Monica Mountains*. Santa Monica Bay Restoration Commission, Santa Monica Baykeeper. 79 pps. Available at URL below.

A full copy of the report can be downloaded at

<http://mudsnails.com/Documents/NZMS%20Report%202006-April%20-09%20s.pdf>

More information about NZMS in the Santa Monica Mountains can be found at

<http://mudsnails.com/>

Southern Los Angeles County

In 2009, New Zealand Mudsnails were also identified in a sample from the Wilmington Drain which feeds Machado Lake in Ken Malloy Regional Park in the South Bay area of Los Angeles.

For more information visit <http://ucanr.org/sites/uccenzms/> or contact Dr. Sabrina Drill, UCCE Natural Resources Advisor, at sdrill@ucdavis.edu or 323-260-3404

