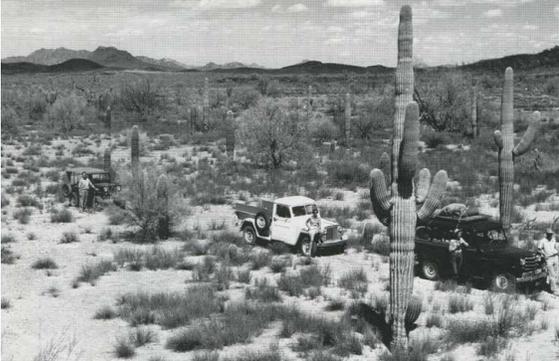
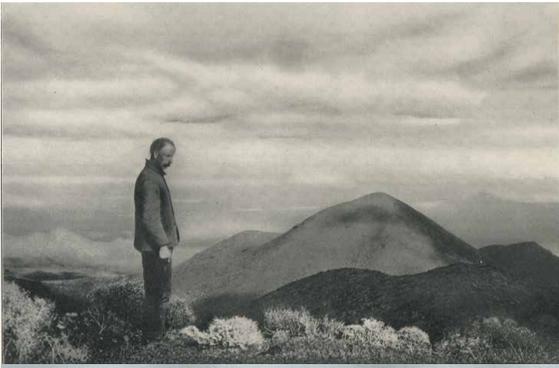


N-GEN: PUSHING THE ARC OF DESERT RESEARCH



Desert Botanical Laboratory, Tucson, Arizona.





Alan Harper © 2011

OUR VISION

The Next Generation Sonoran Desert Researchers (N-Gen) is a network of individuals and institutions committed to the rich social and ecological landscape that spans the mainland Sonoran Desert, the Baja California Peninsula, the Gulf of California, and the US-Mexico borderlands. This interdisciplinary network will address the research and conservation challenges of our time within this binational region.

Deeply committed to the spirit of the Sonoran Desert, N-Gen will (1) catalyze research and biocultural collaboration, (2) develop an innovative research and conservation agenda, and (3) influence decision makers in both countries to promote a conservation ethic that matches the grandeur of the landscape.

N-GEN IS A COMMUNITY UNITED TO PROMOTE A CONSERVATION ETHIC THAT MATCHES THE GRANDUER OF THE SONORAN DESERT

N-GEN IS THE COLLABORATIVE UNDERSTANDING OF THE REGION THAT INSPIRES US

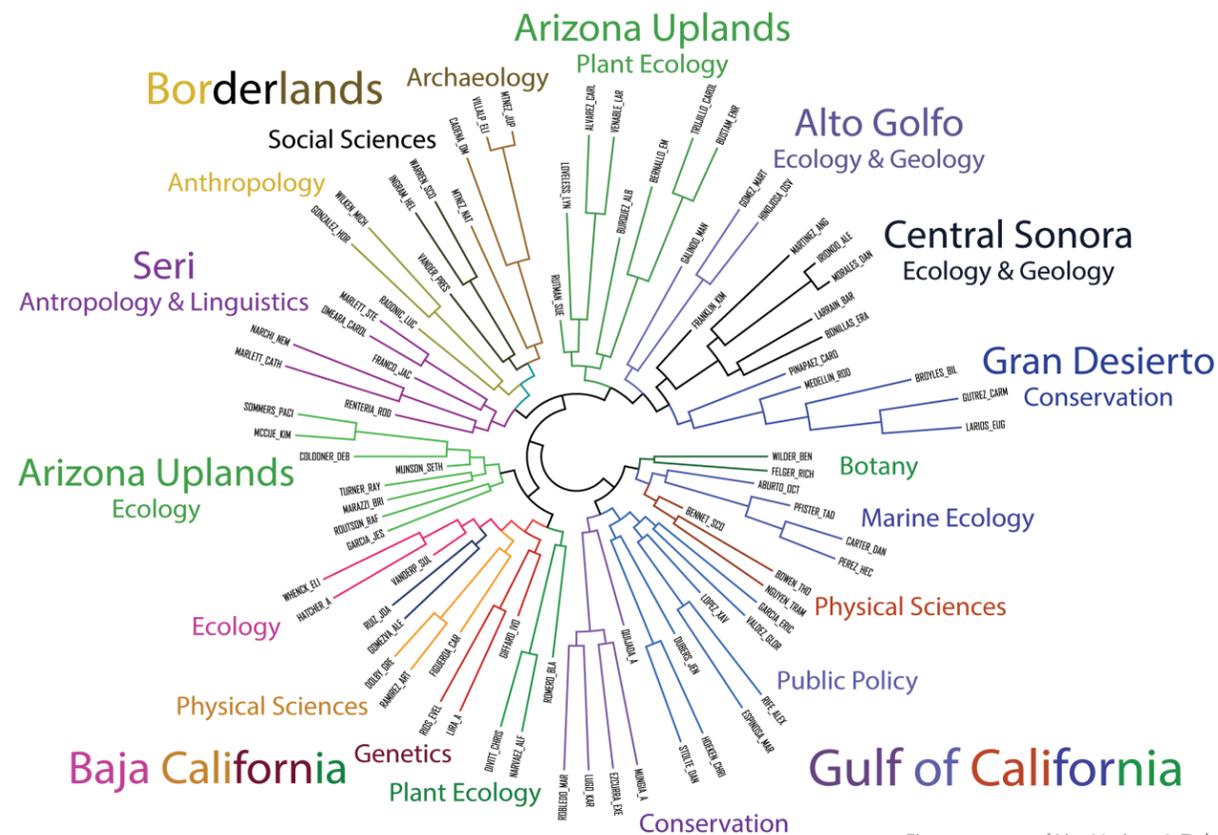


Figure courtesy of Lira-Noriega & Duberstein, in review

THE REGION



The Sonoran Desert—the mainland Sonoran Desert, the Baja California Peninsula, the Gulf of California, and the US-Mexico borderlands—is an endless laboratory. From the Sierra Madre, to the waters and islands of the Gulf, to the desert flats, this is our world.



WEBSITE

www.nextgensd.com
IS THE CENTER FOR RESEARCH IN THE SONORAN DESERT

Our bilingual website is the platform to facilitate access and communication for a network of collaborators. It is both a reflection of the actions of this community and a tool to expand them.



THOUSANDS OF USERS:
45% US, 45% MX, 10% WORLD
Notes From the Field; Recent Publications





N-GEN IS 250+ RESEARCHERS



ACROSS 40 DISCIPLINES IN 21 REGIONS



SUMMITS

N-Gen began in April 2012 when 90 individuals, 49 from Mexico and 41 from the US, came together to focus on the physical, social, and biological issues in the Sonoran Desert. During this initial gathering the following became clear:



- Alliances between the social and ecological paradigms are no longer an option but a necessity.
- N-Gen Summits allow us to create new mechanisms to share the realities and wonders of living and working in the Sonoran Desert.
- Conversations, ideas, and discoveries that otherwise may have never happened are born.
- N-Gen fosters serendipity.

90 participants [49 MX, 41 US] · 37 Institutions [11 MX, 26 US] · 16 Disciplines · 22 sessions



JOURNAL OF THE SOUTHWEST N-GEN SPECIAL ISSUE

Seeds in the Sand: Emerging Approaches to Understanding the Sonoran Desert and Gulf of California

FORTHCOMING FALL 2015
11 CHAPTERS
44 AUTHORS



VISIT WWW.NEXTGENSD.COM/SUMMIT-2015

THE MOVEMENT
CONTINUES IN
OCTOBER 27-29
2015 WITH THE
NEXT N-GEN
SUMMIT IN
GUAYMAS,
SONORA



Figures left to right and clockwise courtesy of; Dolby et al.; Carpenter et al.; Munguia-Vega et al.; Wilder & Narchi; Alan Harper © 2012; Warren et al; Moser-Marlett

CONNECTING SCIENCE TO CONSERVATION: CABO PULMO & PUNTA ARENA EXPEDITION

The expertise of the N-Gen network helped connect baseline science to the conservation of Cabo Pulmo threatened by the mega-development Cabo Dorado in Baja California Sur.

Through an N-Gen led expedition two geologic singularities, the beach ridges of Punta Arena and the underwater dykes of Cabo Pulmo, were identified as the building blocks that have created a region of immense biological richness and inordinately high diversity.

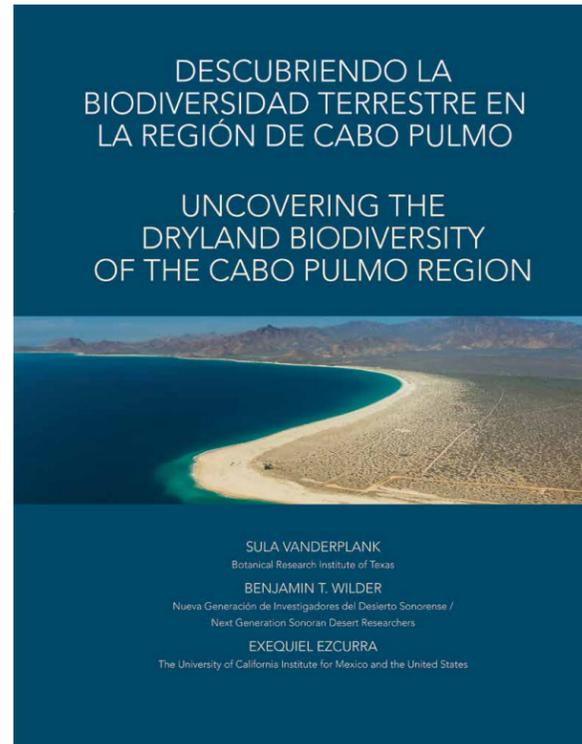
The biological value of the lands adjacent the coral reef of Cabo Pulmo had remained a mystery. We now know that these desert lands mirror the tropical waters in importance. This desert-sea ecosystem is a regional biodiversity hotspot.

This report combined with the great efforts of the environmental community led to the termination of the proposed Cabo Dorado megadevelopment.

100 ENDEMIC SPECIES, 42 NOM-059

**392 PLANTS, 44 MAMMALS,
29 REPTILES, 95 BIRDS**

**A region of immense biological richness
and inordinately high diversity.**



Cabo Pulmo Press: 17 unique media articles based on this report. You can find them at:

<http://nextgensd.com/cabo-pulmo-press/>

OTHER ACTIVITIES

- ▶ Baja California Pacific Islands Expedition, Fall 2015
- ▶ Arts and Science Initiative to better communicate life in the Sonoran Desert [🔗](#)
- ▶ Conservation Biology Vision Statement: "The Need for a Next Generation of Sonoran Desert Researchers," 2013 [🔗](#)
- ▶ Position statement "Development at Any Cost: A false premise" [🔗](#); endorsed by 90+ scientists, featured in La Jornada [🔗](#)
- ▶ "Seminario de Zona Áridas" (Arid zones seminar) in Mexico City, 2014
- ▶ Desconferencia Ensenada, November 2013
- ▶ N-Gen Tucson-CEDO Showcase, 2013
- ▶ 30+ N-Gen member scientific publications since 2014 [🔗](#)
- ▶ "Re-imagine a resilient border," panel in Ajo, Arizona, March 2014 [🔗](#)
- ▶ Keynote Presentation at International Sonoran Desert Alliance symposium, Ajo, Arizona, March 2014
- ▶ Social media presence featuring the latest news and information for the Sonoran Desert [🔗](#)
- ▶ N-Gen Chapters: Tucson, Ensenada, La Paz, Hermosillo, and Mexico City



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Octavio Aburto © 2012

FORWARD

