

WIRED	Hitachi true stories	SMALLTOWN OREGON LOGS ON The True Story of Bandwidth in Bandon	 Click to watch	HITACHI Inspire the Next
BLOG NETWORK				

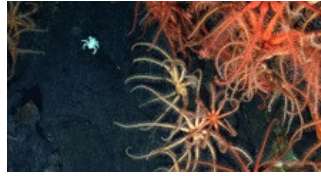
wired SCIENCE

Top Stories

Climate Change at the Bottom of the Sea

By Brandon Keim [✉](#) September 10, 2007 | 12:00:37 PM Categories: [Animals](#), [Climate](#)

A changing climate is going to affect many animals -- bum luck, [polar bears](#) -- but aren't creatures living at the bottom of the ocean in volcanically superheated waters immune to what happens above?



Maybe not, say scientists. A marine biologist looking at a non-volcanic deep-sea vent ecosystem found that its shrimp actually followed a seasonal breeding cycle, spawning in autumn and hatching in spring.

They apparently follow that cycle because larva travel to neighbouring vents after hatching. During the journey, they don't have access to their usual vent-provided diet, instead foraging in the open water for material that sinks from surface waters -- and food is most plentiful in the summer.

So what does this mean for the future of extremophiles? Nothing, perhaps -- but it does show that even the most seemingly isolated creatures may still be part of a whole.

[Deep-sea vents 'no climate haven'](#) [BBC]

Related Wired coverage: [extremophiles aren't just cool, they can be useful, too.](#)

Image: [Pennsylvania State University](#)

[Reddit It](#) | [Digg This](#) | [Add to del.icio.us](#)



THIS IS MORE ABOUT THE POLAR BEARS.HOW FAST CAN AN AMINAL ADAPT TO CHANGE.IS IT ANY CHANCE THE BEARS WILL BE COME BETTER SWIMMERS.WILL MELTING ICE INCREASE THE FOOD SUPPLY SO THEY DO NOT HAVE TO LIVE OFF SEALS.COULD WE RELOCATE THE POLAR TO THE SOUTH POLE ALONG WITH SEALS.JUST TO KEEP THE SPECIES ALIVE.POLAR BEARS COULD EAT THE BIRDS AT THE SOUTH POLE .WOULD BE INTERESTING SURVIVAL OF FITTEST EXPERIMENT.WOULD DIVERSITY HELP SURVIVAL IN THE ARTIC REGIONS

Posted by: [WAYNE BERRY](#) | Sep 11, 2007 7:53:34 AM

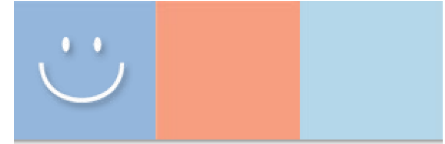
POST A COMMENT

Name:

Email Address:

Comments:

[✉ SEND US A TIP!](#)



Warm Water



TEAM

- EDITOR:** Adam Rogers | [email](#)
- EDITOR:** Kristen Philipkoski | [email](#)
- CONTRIBUTOR:** [Brandon Keim](#)
- CONTRIBUTOR:** John Borland | [email](#)
- CONTRIBUTOR:** Steven Edwards
- CONTRIBUTOR:** [Loretta Hidalgo Whitesides](#) | [email](#)
- CONTRIBUTOR:** Aaron Rowe
- CONTRIBUTOR:** [Nicholas Thompson](#)

MOST RECENT ENTRIES

September 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- [Free Science Fiction Novel Plot](#)
- [Possible Gene Therapy Death Media Roundup](#)
- [Is NASA's "Space Economy" Visionary Enough?](#)
- [New Google Maps Satellite Poised for Launch Today](#)
- [Meteorite Makes Villagers Sick!!! Maybe.](#)
- [Chernobyl Site Finally Gets Steel Shielding](#)
- [California Stem Cell Agency Swipes Key Australian Researcher as New President](#)
- [How to Run a Better Clinical Trial](#)
- [Ultima Game-Maker to Get Trip to Space Station?](#)
- [The Ethical Challenge of Gene Therapy Trials](#)

CATEGORIES

- [2007 Senate Stem Cell Debate](#) (17)
- [2008 Presidential Election](#) (7)
- [Agriculture](#) (18)
- [AIDS/HIV](#) (4)
- [American Astronomical Society Meeting 2007](#) (5)
- [Andy Grove Liveblogging](#) (2)
- [Animals](#) (96)
- [Animals](#) (7)

Post

[Corrections](#) | [Contact Us](#) | [Letters to the Editor](#) | [Wired Staff](#) | [Press Center](#) | [FAQ](#) | [Wired Insider](#) | [Sitemap](#)

See more [Wired Science](#) [Subscription Questions](#) | [Renew Subscription](#) | [Give a Gift](#) | [International Subscriptions](#) | [Advertise](#) | [Media Kit](#) | [Careers](#)

Visit Our Sister Sites: [Concierge](#) | [Epicurious](#) | [Men.style.com](#) | [Style.com](#) | [Flip.com](#) | [Wired.com](#) | [Lipstick.com](#) | [NutritionData](#) | [YM](#) | [Allure](#) | [Architectural Digest](#) | [Brides](#) | [Cookie](#) | [Condé Nast Portfolio](#) | [Domino](#) | [Glamour](#) | [House & Garden](#) | [Lucky](#) | [Men's Vogue](#) | [Self](#) | [Teen Vogue](#) | [The New Yorker](#) | [Vanity Fair](#)

Subscribe to a magazine:

© 2007 CondéNet, Inc. All rights reserved.

Use of this site constitutes acceptance of our [User Agreement](#) and [Privacy Policy](#)