

27
Two new iguanid lizard species from the Laja Lagoon, Chile

Tweet

14 hours ago

-
-

↑ submit ↓

reddit

- [Favorites](#)
- [Email](#)
- [Print](#)
- [PDF](#)



[Enlarge](#)

Liolaemus scorialis, one of the newly described iguanian lizards. Credit: Jaime Troncoso-Palacios

A team of Chilean scientists discover two new species of iguanid lizards from the Laja Lagoon, Chile. The two new species are believed to have been long confused with other representatives of the elongatus-kriegi lizard complex, until recent morphological analysis diagnosed them as separate. The study was published in the 500th issue of the open access journal *ZooKeys*.

Poster Printing

Need Full Color Poster Printing? A0, A1, A2, A3. Fast Turnaround



The new lizards belong to the genus *Liolaemus* which contains a total 245 species to date, all of which are endemic to South America.

This study looks at species of the elongatus-kriegi complex from two locations of the Laja Lagoon in Chile. Detailed morphological diagnosis helped the authors to describe two new species: *L. scorialis* and *L. zabalai*.

L. scorialis has its name inspired by its specific type locality composed mainly of scoria volcanic rock after which the species was named. This species is endemic to Chile where it occurs only in two localities. The second new species *L. zabalai* was named after Patricio Zabala, collection manager of the "Colección de Flora y Fauna Patricio Sánchez Reyes, Pontificia Universidad Católica de Chile" (SSUC) due to his support of herpetological research in Chile, and occurs in southern Chile and Argentina.

"In summary, our work describes adds two [new species](#) to the [species](#) rich elongatus-kriegi complex of lizards from the vicinity

of the Laja Lagoon. Nonetheless, there is certainly still much to discover about the diversity of this group of Patagonian [lizards](#)," explains the lead author of the study Dr. Jaime Troncoso-Palacios, Universidad de Chile.

Explore further: [Scaly gem discovered in South American cloudforests](#)

More information: Troncoso-Palacios J, Díaz HA, Esquerré D, Urra FA (2015) Two new species of the Liolaemus elongatus-kriegi Complex (Iguania, Liolaemidae) from Andean highlands of Southern Chile. ZooKeys 500: 83-109. [DOI: 10.3897/zookeys.500.8725](#)

Journal reference: [ZooKeys](#)

Provided by [Pensoft Publishers](#)

85 shares

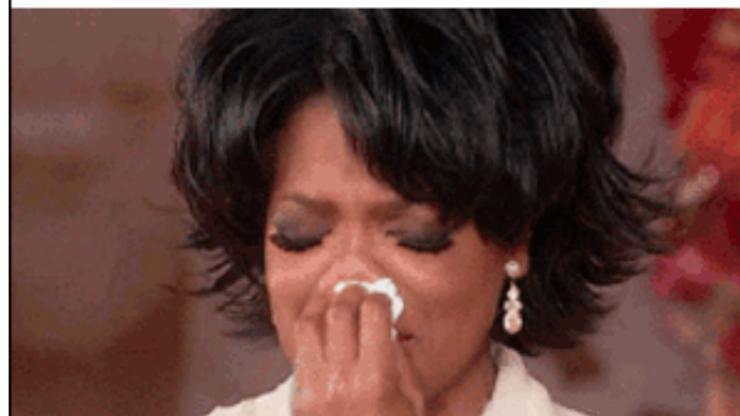
[feedback to editors](#)

**REINVENT
YOUR CAREER**

Live chat with a
Career Advisor today.

Acquire™ | Reinvent
LEARNING Yourself [Live Chat](#)

SHOCKING! End of OWN?



LEAKED Secret Might Bring Down an Empire
See The Secret She Hid From The World



Man Finds Secret Room In Office -- Where It Led Was Astounding

ViralNova



5 tips to learn any language from 2 language geniuses

Babbel



For The Men: Signs A Woman Is Flirting With You

MadameNoire



Will You Recognize These 7 Former Child Stars?

ViralNado

Sponsored Links by Taboola

Related Stories



[A beautiful species of tree iguana redescribed 179 years after its discovery](#)

Apr 23, 2013

Tree iguanas (Liolaemus) are one of the most diverse genus of lizards in the world with 230 described species. Within these, Liolaemus nigromaculatus - the second described species of the genus Liolaemus - is usually ...



[Scaly gem discovered in South American cloudforests](#)

May 21, 2014

Field and laboratory work by Omar Torres-Carvajal from Museo de Zoología QCAZ, Pontificia Universidad Católica del Ecuador, and his former undergraduate student Simón Lobos has resulted in the discovery ...



[Chile wildfires damage unique flora, fauna](#)

Mar 22, 2015

Massive wildfires raging in drought-stricken southern Chile have wiped out hundreds of plant species, and are now threatening an estimated 100,000 animals.

Recommended for you



[Dwarf dragons discovered in the Andes of Peru and Ecuador](#)

User comments

5 hours ago

Please [sign in](#) to add a comment. Registration is free, and takes less than a minute. [Read more](#)
Scientists have discovered three new species of dragon-escue woodlizards in the Andes of Peru and Ecuador. The Norwegian police is creating a unit to investigate cruelty to animals, the government said Monday, arguing that those who hurt animals often harm people too.



[Describing biodiversity on tight budgets: Three new Andean lizards discovered](#)

7 hours ago

Three beautiful new lizards from the Andes of Peru have been delimited and discovered using different lines of evidences by Peruvian and American biologists from San Marcos and Brigham Young universities ...

[Three new species of 'mini-Godzilla' found in Amazon](#)

it had received regarding cats having seizures, seemingly in response ...



Three new species of multi-colored lizards sporting jagged crests that make them look like pint-sized "Godzillas" have been discovered in Ecuador and Peru, highlighting the region's rich biodiversity.



Apr 15, 2015
12 hours ago

[Bumblebees use nicotine to fight off parasites](#)

Researchers from Queen Mary University of London (QMUL) and Royal Holloway, University of London (RHUL), gave bumblebees the option to choose between a sugar solution with nicotine in it and one without. ...

email

password

Sign in

[New coral-inhabiting gall crab species discovered from Indonesia and Malaysia](#)

Click here to reset your password.

Sign in to get notified via email when new comments are made.

Fieldwork in Indonesia and Malaysia by researcher Sancia van der Meij from Naturalis Biodiversity Center in the Netherlands lead to the discovery of a new coral-dwelling gall crab. The new gall crab, named ...

[ANZAC grevillea hybrid marks centenary celebrations](#) [Model uncovers malaria parasite causes red blood cell changes](#)

14 hours ago
A model of a malaria-infected red blood cell may lead to better ways to treat malaria, according to a team of engineers and molecular biologists who investigated how this parasite infection causes the red blood cell to change shape. Through an intense breeding program of native flora, Kings Park botanists have provided the Western Australian RSL with a commemorative grevillea (Proteaceae) in time for the Anzac Centenary.

[How an RNA gene silences a whole chromosome](#)

[Secret life of penguins revealed](#)

17 hours ago
Researchers at Caltech have discovered how an abundant class of RNA genes, called long non-coding RNAs (lncRNAs, pronounced link RNAs) can regulate key genes. By studying an important lncRNA, called Xist, ...

To mark World Penguin Day (25 April 2015) citizen science project Penguin Watch will release 500,000 new images of penguins and reveal secrets from a year of spying on penguins. ...

[Single cells seen in unprecedented detail](#)

12 hours ago
Researchers have developed a large-scale sequencing technique called Genome and Transcriptome Sequencing (G&T-seq) that reveals, simultaneously, the unique genome sequence of a single cell and the activity ...

[Conifer study illustrates twists of evolution](#)

A new study offers not only a sweeping analysis of how pollination has evolved among conifers but also an illustration of how evolution—far from being a straight-ahead march of progress—sometimes allows ...

[Bumblebees use nicotine to fight off parasites](#)

Researchers from Queen Mary University of London (QMUL) and Royal Holloway, University of London (RHUL), gave bumblebees the option to choose between a sugar solution with nicotine in it and one without. ...

[Women show persistent memory impairment after concussion](#)

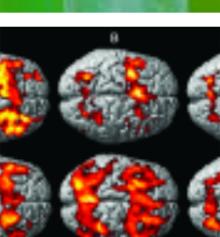
Women may have a more difficult time than men in recovering from concussion, according to a new study published online in the journal *Radiology*.

[Adding transparency to graphene paper improves supercapacitor capacitance](#)

(Phys.org)—For the first time, scientists have integrated transparency into freestanding, flexible graphene paper (FFT-GP), and demonstrated that the new material can greatly improve the performance of ...

[Collin Burns in 5.253 seconds sets Rubik's Cube time record \(w/ Video\)](#)

Collin Burns took part in a Rubik's Cube competition at a high school in Doylestown, Pennsylvania, over the weekend. The event is recognized as an official World Cube Association competition. He solved the ...



[Astrophysicists draw most comprehensive map of the universe](#)

Astrophysicists have created a 3D map of the universe that spans nearly two billion light years and is the most complete picture of our cosmic neighbourhood to date.

[The cost of staying cool when incomes heat up](#)

The continual increase in global incomes means people are living more comfortably, including having the ability to afford air conditioning. Staying cool is good but there's a wealth of fallout. The demand ...

phys.org

- [Physics](#)
 - [All Physics](#)
 -
 -
 - [General Physics](#)
 -
 -
 - [Condensed Matter](#)
 -
 -
 - [Optics & Photonics](#)
 -
 -
 - [Superconductivity](#)
 -
 -
 - [Plasma Physics](#)
 -
 -
 - [Soft Matter](#)
 -
 -
 - [Quantum Physics](#)
 -
 -
- [Nanotechnology](#)
 - [All Nanotechnology](#)
 -
 -
 - [Bio & Medicine](#)
 -
 -
 - [Nanophysics](#)
 -
 -
 - [Nanomaterials](#)
 -
 -
- [Earth](#)
 - [All Earth](#)
 -
 -
 - [Earth Sciences](#)
 -
 -
 - [Environment](#)
 -
 -
- [Astronomy & Space](#)
 - [All Astronomy & Space](#)
 -
 -
 - [Astronomy](#)

-
-
- [Space Exploration](#)

- [Chemistry](#)

- [All Chemistry](#)

- [Biochemistry](#)

- [Polymers](#)

- [Analytical Chemistry](#)

- [Materials Science](#)

- [Other](#)

- [Biology](#)

- [All Biology](#)

- [Plants & Animals](#)

- [Evolution](#)

- [Ecology](#)

- [Cell & Microbiology](#)

- [Biotechnology](#)

- [Other](#)

- [Technology](#)

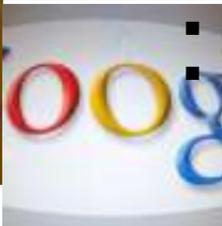
- [All Technology](#)



- [The cost of staying cool when incomes heat up](#)



- [Facebook rolls out video calls on Messenger](#)



- [Google sets up marketplace to buy patents](#)

- [Preventing a Fukushima disaster in Europe](#)



- [Research team invents electrical power converter for renewable energy](#)



- [Apple profit soars on iPhone, China sales](#)



- [Facebook collecting Nepal quake aid donations](#)



- [Forget the watch: Apple's iPhones are still the](#)

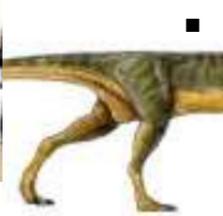
- [main event](#)

- [Internet](#)
 -
 -
- [Software](#)
 -
 -
- [Consumer & Gadgets](#)
 -
 -
- [Hardware](#)
 -
 -
- [Business](#)
 -
 -
- [Robotics](#)
 -
 -
- [Engineering](#)
 -
 -
- [Semiconductors](#)
 -
 -
- [Other](#)
 -
 -
- [Telecom](#)
 -
 -
- [Energy & Green Tech](#)
 -
 -
- [Computer Sciences](#)
 -
 -
- [Hi Tech & Innovation](#)
 -
 -
- [Security](#)
 -
 -

- [Other Sciences](#)
 - [All Other Sciences](#)



- [Collin Burns in 5.253 seconds sets Rubik's Cube time record \(w/ Video\)](#)



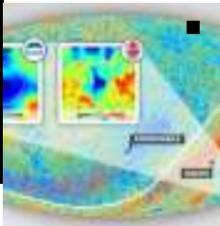
- [Bizarre 'platypus' dinosaur discovered](#)



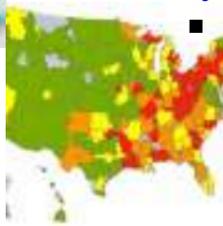
- [Alternate theory of inhabitation of North America disproved](#)



- [Is the universe a hologram?](#)



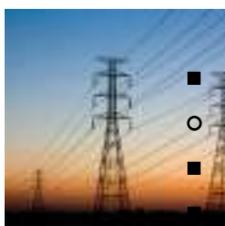
- [Best of Last Week–Variance of gravitational constant, 50 years of Moore's Law and creating the sensation of invisibility](#)



- [Google searches for 'n-word' associated with black mortality](#)



- [Inoculating against science denial](#)
[New study](#)



- [examines relationship between electricity usage and stock market return](#)

- [Mathematics](#)

- [Archaeology & Fossils](#)
 -
 -
- [Other](#)
 -
 -
- [Social Sciences](#)
 -
 -
- [Economics & Business](#)
 -
 -

-
-
-
-
-

-
-
-
-
-

Enter your Science X account credentials

Remember me

[Forget password?](#)

Sign in with your Facebook or Google+ account

Not a member? [Register](#)

- [Profile](#)
- [Newsletter](#)
- [Favorites](#)
- [Activity](#)
- [PM](#)
- [My news](#)
- [Sign out](#)

- - [Top](#)
 - [Home](#)
 - [Medical Xpress](#)
 - [Search](#)
- - [Help](#)
 - [FAQ](#)
 - [About](#)

- - [Contact](#)
 - [Science X Account](#)
 - [Sponsored Account](#)
 - [Newsletter](#)
 - [RSS feeds](#)
- - [Feature Stories](#)
 - [Weblog & Reports](#)
 - [Archive](#)
- - [iPhone iPad Apps](#)
 - [Blackberry App](#)
 - [Android App & Widget](#)
 - [Amazon Kindle](#)
 - [Mobile version](#)

Connect

-
-
-
-
-
-
-
- [Privacy Policy](#)
- [Terms of Use](#)