

Goniurosaurus

Goniurosaurus is a genus of geckos in the family Eublepharidae. The genus contains 27 species. Members of the genus are known by various common names including **cave geckos**, **ground geckos**, **leopard geckos**, and **tiger geckos**. Members of this genus are found in China, Japan, and Vietnam. For this reason they are also known commonly as Asian geckos.

Diet

Geckos of the genus *Goniurosaurus* mainly feed on small insects.

Species

The following 27 species are recognized as being valid.^{[1][2]}

They can be divided into four species groups.

luii group:

- *Goniurosaurus araneus* Grismer et al., 1999 – Vietnamese leopard gecko
- *Goniurosaurus bawanglingensis* Grismer et al., 2002
- *Goniurosaurus catbaensis* Ziegler, Nguyen, Schmitz, Stenke & Rösler, 2008 – Cat Ba leopard gecko
- *Goniurosaurus chengzheng* Zhu, Li & He in Zhu et al., 2021 – Chengzheng cave gecko
- *Goniurosaurus gezhi* Zhu, He & Li, 2020^[3]
- *Goniurosaurus huuliensis* Orlov et al., 2008
- *Goniurosaurus luii* Grismer et al., 1999
- *Goniurosaurus liboensis* Y. Wang et al., 2013
- *Goniurosaurus kadoorieorum* Yang & Chan, 2015 – Kadoories's cave gecko
- *Goniurosaurus kwangsiensis* Yang & Chan, 2015 – Guangxi cave gecko

lichtenfelderi group:

- *Goniurosaurus hainanensis* Barbour, 1908



Goniurosaurus

Kuroiwa's ground gecko
(*Goniurosaurus kuroiwae*)

in Ōgimi, Kunigami, Okinawa, Japan

Scientific classification

Kingdom:	<u>Animalia</u>
Phylum:	<u>Chordata</u>
Class:	<u>Reptilia</u>
Order:	<u>Squamata</u>
Suborder:	<u>Gekkota</u>
Family:	<u>Eublepharidae</u>
Genus:	<u>Goniurosaurus</u>

Species

27 recognized species, see article.

- Goniurosaurus kwanghua Zhu & He, 2020
- Goniurosaurus lichtenfelderi (Mocquard, 1897) – Lichtenfelder's gecko
- Goniurosaurus sinensis Zhou, Peng, Hou & Yuan, 2019
- Goniurosaurus zhoui Zhou, N. Wang, Chen & Liang, 2018 – Zhou's leopard gecko

kuroiwae group:

- Goniurosaurus kuroiwae (Namiye, 1912) – Kuroiwa's ground gecko
- Goniurosaurus nebulozonatus Kurita & Toda, 2024
- Goniurosaurus orientalis (Maki, 1931) – spotted ground gecko
- Goniurosaurus sengokui Honda & Ota, 2017 – Sengoku's gecko
- Goniurosaurus splendens (Nakamura & Uéno, 1959) – banded ground gecko
- Goniurosaurus toyamai Grismer et al., 1994 – Iheyajima leopard gecko
- Goniurosaurus yamashinae (Okada, 1936) – Yamashina's ground gecko

yingdeensis group:

- Goniurosaurus gollum Qi et al., 2020 – Gollum leopard gecko
- Goniurosaurus varius Qi et al., 2020
- Goniurosaurus wangshu Zhu et al., 2022 – Wangshu's leopard gecko
- Goniurosaurus yingdeensis Y. Wang et al., 2010 – Yingde leopard gecko
- Goniurosaurus zhelongi Y. Wang et al., 2014 – Zhe-long's leopard gecko

Nota bene: In the above list, a binomial authority in parentheses indicates that the species was originally described in a genus other than *Goniurosaurus*.

References

1. Genus *Goniurosaurus* (http://reptile-database.reptarium.cz/advanced_search?genus=Goniurosaurus&exact=genus&submit=Search) at The Reptile Database (<http://www.reptile-database.org/>) (www.reptile-database.org).
2. Qi, Shuo; Grismer, L. Lee; Lyu, Zhi-Tong; Zhang, Liang; Li, Pi-Peng; Wang, Ying-Yong (2020). "A definition of the *Goniurosaurus yingdeensis* group (Squamata, Eublepharidae) with the description of a new species" (<https://zookeys.pensoft.net/article/47989/>). *ZooKeys* (986): 127–155. Bibcode:2020ZooK..986..127Q (<https://ui.adsabs.harvard.edu/abs/2020ZooK..986..127Q>). doi:10.3897/zookeys.986.47989 (<https://doi.org/10.3897%2Fzookeys.986.47989>). ISSN 1313-2970 (<https://search.worldcat.org/issn/1313-2970>). PMC 7661482 (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7661482>). PMID 33223883 (<https://pubmed.ncbi.nlm.nih.gov/33223883>).
3. Zhu, Xiao-Yu; Chen, Guang-Yu; Román-Palacios, Cristian; Li, Zheng; He, Zhu-Qing (2020). "*Goniurosaurus gezhi* sp. nov., a new gecko species from Guangxi, China (Squamata: Eublepharidae)" (<https://www.biotaxa.org/Zootaxa/article/view/zootaxa.4852.2.6>). *Zootaxa*. **4852** (2): 211–222. doi:10.11646/zootaxa.4852.2.6 (<https://doi.org/10.11646%2Fzootaxa.4852.2.6>). ISSN 1175-5334 (<https://search.worldcat.org/issn/1175-5334>). PMID 33056426 (<https://pubmed.ncbi.nlm.nih.gov/33056426>). S2CID 222821642 (<https://api.semanticscholar.org/CorpusID:222821642>).

Further reading

- Barbour T (1908). "Some New Reptiles and Amphibians". *Bulletin of the Museum of Comparative Zoölogy at Harvard College* **51** (12): 315–325. (*Goniurosaurus*, new genus, p. 316).

External links

- ION (<http://www.organismnames.com/query.htm?q=Goniurosaurus&searchType=simple&so=a0&p=50>)
- Nomenclator Zoologicus (<http://www.ubio.org/NZ/search.php?search=Goniurosaurus&selectall=Check+All&colname=on&colcategory=on&colauthority=on&colcomments=on&page=&vol=>)

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