

CITES Standard Reference for the Species of *Cordylus* (Cordylidae, Reptilia)
compiled by Donald G. Broadley
at the request of the CITES Nomenclature Committee

Update 2006¹

Foreword

The scope of the lizard genus *Cordylus* Laurenti remains *sub judice*. A recent molecular study of the Family Cordylidae (Frost *et al.*, 2001) suggests that *Pseudocordylus* A. Smith and *Chamaesaura* Schneider are nested within *Cordylus* Laurenti, and should therefore be regarded as junior synonyms of that genus. However, an ongoing expanded molecular study suggests that it may be desirable to partition *Cordylus* sensu lato into several discrete genera, which could result in the reinstatement of *Chamaesaura* (Mouton, pers. comm.). For the purposes of the present exercise, *Cordylus* is taken, in the sense of the CITES Appendices, as including the subgenera *Pseudocordylus* and *Hemicordylus* (Crag Lizards), so that users are familiar with both names. *Chamaesaura* (Grass Lizards) is excluded, because it was never listed on the CITES Appendices.

***Cordylus* Laurenti**

Cordylus Laurenti, 1768, *Synops. Rept.* : 51. Type species by tautonomy: *Lacerta cordylus* Linnaeus.
Zonurus Merrem, 1820, *Tent. Syst. Amphib.*: 57. Type species by monotypy: *Lacerta cordylus* Linnaeus.
Pseudocordylus A. Smith, 1838, *Mag. nat. Hist.* (2) 2: 32. Type species (Loveridge, 1944): *Cordylus* (*Pseudocordylus*)*montanus* A. Smith = *P. microlepidotus* (Cuvier).
Hemicordylus A. Smith, 1838, *Mag. nat. Hist.* (2) 2: 32. Type species by monotypy: *Cordylus* (*Hemicordylus*)*capensis* A. Smith.

Distribution: From South Africa north-west to the Huila Province of Angola and north-east to southern Ethiopia.

***Cordylus angolensis* (Bocage)**

Angolan Girdled Lizard

Zonurus angolensis Bocage, 1895, *Herpetol. Angola & Congo*: 25. Type locality: Caconda, Huila District, Angola.

Distribution: Angola highlands.

***Cordylus aridus* Mouton & van Wyk**

Dwarf Karoo Girdled Lizard

Cordylus aridus Mouton & van Wyk, 1994, *J. Herpetol. Assoc. Afr.* 43: 15, Fig. 2-5. Type locality: Farm Botterkraal, Prince Albert District, Western Cape Province, South Africa.

Distribution: South Africa: Western Cape Province, Farms Botterkraal and Bruinrante.

***Cordylus barbertonensis* (van Dam)**

Barberton Girdled Lizard

Zonurus barbertonensis van Dam, 1921, *Ann. Transvaal Mus.* 7: 240, Pl. iii. Type locality: Barberton [Mpumalanga Province], South Africa.

Distribution: South Africa (Barberton District) and Swaziland (middleveld).

¹ Copyright © 2006 by Donald G. Broadley. All Rights Reserved.
Reproduction for commercial purposes prohibited.

Distribution: South Africa (Northern, Western and Eastern Cape Provinces and southeastern Free State) and Lesotho.

Cordylus depressus (FitzSimons)

Zoutpansberg Girdled Lizard

Zonurus barbertonensis depressus FitzSimons, 1930, *Ann. Transvaal Mus.* **14**: 24. Type locality: Farm Newgate, near Louis Trichardt [Zoutpansberg Mts, Northern Province, South Africa].

Zonurus laevigatus FitzSimons, 1933, *Ann. Transvaal Mus.* **15**: 276, Fig. 1 & 2. Type locality: Entabeni, Zoutpansberg Mts [Northern Province, South Africa].

Distribution: South Africa: Northern Province east of Longitude 29E E.

Cordylus (Pseudocordylus) fasciatus A. Smith

Eastern Cape Crag Lizard

Cordylus (Pseudocordylus) fasciatus A. Smith, 1838, *Mag. nat. Hist.* **92**: 2: 32. Type locality: South Africa [= rocky hills near Grahamstown].

Cordylus (Pseudocordylus) Algoensis A. Smith, 1838, *Mag. nat. Hist.* **92**: 2: 32. Type locality: South Africa [= Algoa Bay].

Pseudocordylus microlepidotus namaquensis Hewitt, 1927, *Rec. Albany Mus.* **3**: 392, Pl. xxii, Fig. 1. Type locality: Namaqualand. [The status of this taxon is uncertain, but if valid it will require a new name, being preoccupied by *Cordylus namaquensis* Methuen & Hewitt 1914].

Distribution: South Africa: Namaqualand to the southern Transkei (Eastern Cape Province).

Cordylus giganteus A. Smith

Giant Girdled Lizard or Sungazer

Cordylus giganteus A. Smith, 1844, *Illus. Zool. S. Afr., Rept.*: Pl. 35, 36. Type locality: "Interior districts of South Africa on pinnacles of Quathlamba Mountains".

Zonurus derbianus Gray, 1845, *Cat. Liz.*: 48 & 270. Type locality: South Africa.

Distribution: South Africa: northeastern Free State, southeastern Mpumalanga and western KwaZulu-Natal.

Cordylus imkae Mouton & van Wyk

Rooiberg Girdled Lizard

Cordylus imkae Mouton & van Wyk, 1994, *J. Herpetol. Assoc. Afr.* **43**: 14, Fig. 2-5. Type locality: Lower slopes of the Rooiberg on the farm Wolfhok, Garies District, Namaqualand, South Africa.

Distribution: South Africa: Rooiberg Mts, Namaqualand.

Cordylus jonesii (Boulenger)

Limpopo Girdled Lizard

Zonurus jonesii Boulenger, 1891, *Ann. Mag. nat. Hist.* (6) **7**: 417. Type locality: Murchison Range, northeast Transvaal [Northern Province, South Africa].

Distribution: Eastern Botswana, southern Zimbabwe, southern Mozambique, the Northern, Mpumalanga and KwaZulu-Natal Provinces of South Africa and eastern Swaziland.

Cordylus jordani (Parker)

Jordan's Girdled Lizard

Zonurus jordani Parker, 1936, *Novit. zool.* **40**: 133. Type locality: Hoffnung, near Windhoek [Namibia].

Distribution: Central Namibia north of Aus.

Cordylus (Pseudocordylus) langi (Loveridge)

Lang's Crag Lizard

Pseudocordylus langi Loveridge, 1944, *Bull. Mus. comp. Zool. Harv.* **95**: 73. Type locality: Mont-aux-Sources, Drakensberg [Lesotho].

Distribution: Summit of the Drakensberg on the border between Lesotho and KwaZulu-Natal, South Africa.

- Cordylus lawrenci*** (FitzSimons) Lawrence's Girdled Lizard
Zonurus lawrenci FitzSimons, 1939, *Ann. Transvaal Mus.* **20**: 7, Fig. 2-4. Type locality: Lekkersing, Richtersveld, Little Namaqualand, South Africa.
 Distribution: South Africa: Richtersveld, Northern Cape Province.
- Cordylus machadoi*** Laurent Machado's Girdled Lizard
Cordylus vittifer machadoi Laurent, 1964, *Publ. cult. Comp. Diam. Angola* **67**: 49. Type locality: Leba, Humpata, near Sá da Bandeira at 1800 m, Huíla, Angola.
 Distribution: Angola (Huila Province) and Namibia (extreme northern Kaokoveld).
- Cordylus macropholis*** (Boulenger) Large-scaled Girdled Lizard
Zonurus macropholis Boulenger, 1910, *Ann. S. Afr. Mus.* **5**: 468, 494. Type locality: Little Namaqualand, South Africa.
 Distribution: South Africa: coastal areas of Little Namaqualand.
- Cordylus mclachlani*** Mouton McLachlan's Girdled Lizard
Cordylus mclachlani Mouton, 1986, *S. Afr. J. Zool.* **21**: 319, Fig. . Type locality: Koue Bokkeveld, near Ceres, South Africa.
 Distribution: South Africa: Western Cape Province from Koue Bokkeveld to Nieuwoudtville.
- Cordylus meculae*** Branch, Roedel & Marais Mecula Girdled Lizard
Cordylus meculae Branch, Roedel & Marais, 2005, *Afr. J. Herpetol.* **54** (2): 132. Type locality: Serra Mecula, Niassa Game Reserve, Niassa Province, northern Mozambique (12 dg 03' 11" S, 37 dg 38' 49" E; 1029 m a.s.l.).
 Distribution: Only known from the type locality.
- Cordylus (Pseudocordylus) melanotus*** A. Smith Highveld Crag Lizard
Cordylus (Pseudocordylus) melanotus A. Smith, 1838, *Mag. nat. Hist.* (2) **2**: 32. Type locality: South Africa [= hills between the main branches of the Orange River east of Philippolis, Orange Free State, restricted to Ficksburg District by De Waal (1978)].
 Distribution: South Africa (highveld areas of Gauteng, Mpumalanga, Free State and KwaZulu-Natal Provinces) and northwestern Swaziland.
- Cordylus (Pseudocordylus) microlepidotus*** Cuvier Western Cape Crag Lizard
Lacerta Africana elegantissima Seba, 1735, *Rerum naturalium Thesauri* **2**: 62, Pl. lxii, Fig. 6, Africa.
Cordylus microlepidotus Cuvier, 1829, *Règne animal*, Ed. 2, **2**: 33 (based on Seba's plate). Type locality: Africa.
Zonurus wittei Schlegel, 1834, *Tijdschr. naturl. Gescheid. Phisiol.* **1**: 216, Pl. vii, Fig. 1a-c. Type locality: De zuidspits van Afrika.
Cordylus (Pseudocordylus) montanus A. Smith, 1838, *Mag. nat. Hist.* (2) **2**: 32. Type locality: South Africa [= Cape of Good Hope].
 Distribution: South Africa: Western Cape Province from Table Mountain east to the Outeniqua Mountains.
- Cordylus minor*** FitzSimons Dwarf Girdled Lizard
Cordylus cordylus minor FitzSimons, 1943, *Liz. S. Afr.*: 458. Type locality: just north of Matjesfontein [Western Cape Province], South Africa.
 Distribution: South Africa, known only from the type locality.

Hereroland [Namibia].

Distribution: Namibia (Hereroland).

Cordylus regius Broadley

Regal Girdled Lizard

Cordylus warreni regius Broadley, 1962, *Occ. Pap. natn. Mus. S. Rhodesia* **3** (26B): 808, Fig. 3. Type locality: Dora, Umtali [= Mutare] District, Zimbabwe.

Distribution: Zimbabwe: southern Mutare District.

Cordylus rhodesianus (Hewitt)

Zimbabwean Girdled Lizard

Zonurus cordylus rhodesianus Hewitt, 1933, *Occ. Pap. Rhod. Mus.* **1**: 48, Pl. ix, Fig. 3. Type locality: Monte Cassino Mission, Macheke [Zimbabwe].

Distribution: Zimbabwe: Eastern highlands and adjacent Mozambique on the Chimanimani Mountains.

Cordylus rivae (Boulenger)

Ethiopian Girdled Lizard

Zonurus rivae Boulenger, 1896, *Ann. Mus. Civ. Stor. nat. Genova* (2) **17**: 8. Type locality: Giacorsa, Gallaland, Ethiopia.

Distribution: Ethiopia - Sidamo Region.

Cordylus (Pseudocordylus) spinosus (FitzSimons)

Spiny Crag Lizard

Pseudocordylus spinosus FitzSimons, 1947, *Ann. Natal. Mus.* **11**: 116, Fig. 1a-c, Pl. i, Fig. 5-6. Type locality: Cathkin Peak area, Drakensberg [KwaZulu-Natal], South Africa.

Distribution: South Africa: lower slopes of the Drakensberg, from Giants Castle in KwaZulu-Natal to Golden Gate in the Free State.

Cordylus (Pseudocordylus) subviridis A. Smith

Crag Lizard

Cordylus (Pseudocordylus) sub-viridis A. Smith, 1838, *Mag. nat. Hist.* (2) **2**: 33. Type locality: South Africa [= summit of the Drakensberg behind Kaffirland and Natal].

Distribution: Drakensberg in Lesotho, eastern Free State and western KwaZulu-Natal, south to the Transkei, with an isolated population on the Amatola Mountains (Eastern Cape Province).

Cordylus tasmani (Power)

Tasman's Girdled Lizard

Zonurus cordylus tasmani Power, 1930, *Ann. Transvaal Mus.* **14**: 12, 16, Pl. i, Fig. 4. Type locality: Dunbrody, Uitenhage District, South Africa.

Distribution: South Africa: Algoa basin and St. Croix Island, Eastern Cape Province.

Cordylus (Pseudocordylus) transvaalensis (FitzSimons)

Northern Crag Lizard

Pseudocordylus subviridis transvaalensis FitzSimons, 1943, *Liz. S. Afr.*: 469. Type locality: Woodbush, Pietersburg District [Northern Province, South Africa].

Distribution: South Africa: restricted to isolated mountain peaks in the Northern Province (Wolkberg to Waterberg).

Cordylus tropidosternum (Cope)

Tropical Girdled Lizard

Zonurus tropidosternum Cope, 1869, *Proc. Amer. Philos. Soc.* **11**: 169. Type locality: "Madagascar".
Zonurus frenatus Pfeffer, 1889, *Jahrb. Hamburg Wiss. Anst.* **6**: 6. Type locality: Mhonda [Tanzania].
Zonurus parkeri Cott, 1934, *Proc. zool Soc. London*: 151. Type locality: Amatongas [Sofala Province, Mozambique].

Distribution: East Africa from coastal Kenya, south through Tanzania to central Mozambique, extending

west to southeast Democratic Republic of Congo (Katanga), northern Zambia, Malawi and northeastern Zimbabwe.

Cordylus ukingensis (Loveridge)

Ukinga Girdled Lizard

Zonurus ukingensis Loveridge, 1932, *Bull. Mus. comp. Zool. Harv.* **72**: 378. Type locality: Tandala, Ukinga mountains, [southwestern Tanzania].

Distribution: Tanzania: southern highlands, Ukinga and Udzungwa Mountains.

Cordylus vandami (FitzSimons)

Van Dam's Girdled Lizard

Zonurus vandami FitzSimons, 1930, *Ann. Transvaal Mus.* **14**: 25, 30, Fig. 6-7. Type locality: Gravelotte, near Leydsdorp [Northern Province, South Africa].

Zonurus vandami perkoensis FitzSimons, 1930, *Ann. Transvaal Mus.* **14**: 27, 30, Fig. 8-9. Type locality: Farm Perkoe, near Olifants River [Northern Province, South Africa].

Distribution: South Africa: Northern and Mpumalanga Provinces.

Cordylus vittifer (Reichenow) Transvaal Girdled Lizard

Zonurus vittifer Reichenow, 1887, *Zool. Anz.* **10**: 372. *Ann. Transvaal Mus.* **14**: 25, 30, Fig. 6-7. Type locality: Transvaal, South Africa.

Zonurus tropidogaster Boulenger, 1910, *Ann. S. Afr. Mus.* **5**: 468, 495. *Ann. Transvaal Mus.* **14**: 25, 30, Fig. 6-7. Type locality: Barberton, Transvaal [= Mpumalanga], South Africa.

Distribution: Southeast Botswana, Northwest, Northern, Gauteng, Mpumalanga, Free State and KwaZulu-Natal Provinces of South Africa, Swaziland and southwest Mozambique (eastern slopes of the Lebombo Range).

Cordylus warreni (Boulenger) Warren's Girdled Lizard

Zonurus warreni Boulenger, 1908, *Ann. Natal Mus.* **1**: 224, 232, Pl. xxxv. *Ann. Transvaal Mus.* **14**: 25, 30, Fig. 6-7. Type locality: Ubombo, Zululand [KwaZulu-Natal], South Africa.

Distribution: The Lebombo Range, from southeastern Mpumalanga Province south through eastern Swaziland and adjacent Mozambique to KwaZulu-Natal.

***Cordylus*: relevant taxonomic literature published subsequent to Wermuth, 1968 (*Tierreich* **87**: i-x, 1-30).**

Branch, W.R., M.-O. Roedel & J. Marais. 2005. A new species of rupicolous *Cordylus* Laurenti 1768 (Sauria: Cordylidae) from northern Mozambique. *Afr. J. Herpetol.* **54** (2): 131-138.

Broadley, D.G. & W.R. Branch 2002. A review of the small east African *Cordylus* (Sauria: Cordylidae), with the description of a new species. *Afr. J. Herpetol.* **51** (1): 9-34.

Broadley, D.G. & P. le F. N. Mouton 2000. A new species of rupicolous *Cordylus* Laurenti from Malawi (Sauria: Cordylidae). *Afr. J. Herpetol.* **49** (2): 169-172.

De Waal, S.W.P. 1978. The Squamata (Reptilia) of the Orange Free State, South Africa. *Mem. nas. Mus. Bloemfontein* **11**: i-iii, 1-160.

Frost, D., D. Janies, P. le F.N. Mouton & T. Titus 2001. A molecular perspective on the phylogeny of the Girdled Lizards (Cordylidae, Squamata). *Amer. Mus. Novit.* 3310: 1-10.

Herselman, Y.M., P. le F.N. Mouton & J.H. van Wyk 1992. The status of the races of the graceful crag lizard, *Pseudocordylus capensis*, from South Africa. *Amphibia-Reptilia* **13**: 109-119.

Jacobsen, N.H.G. 1989. A herpetological survey of the Transvaal. Unpublished Ph. D. thesis: University of Natal at Durban.

Lang, M. 1991. Generic relationships within Cordyliformes (Reptilia: Squamata). *Bull. Inst. roy. Sci. nat. Belg. (Biologie)* **61**: 121-188.

- Mouton, P. le F.N. 1986. Description of a new species of *Cordylus Laurenti* (Reptilia: Cordylidae) in the southwestern Cape, South Africa. *S. Afr. J. Zool.* **21**: 319-324.
- Mouton, P. le F.N. & J.H. van Wyk 1989. *Cordylus minor*, a valid species of South African lizard (Reptilia: Cordylidae). *S. Afr. J. Zool.* **24**: 322-328.
- Mouton, P. le F.N. & J.H. van Wyk 1990. The taxonomic status of the melanistic forms of the *Cordylus cordylus* complex (Reptilia: Cordylidae) in the southwestern Cape, South Africa. *S. Afr. J. Zool.* **25**: 31-38.
- Mouton, P. le F.N. & J.H. van Wyk 1994. Taxonomic status of geographical isolates in the *Cordylus minor* complex (Reptilia: Cordylidae). A description of three new species. *J. Herpetol. Assoc. Afr.* **43**: 6-18.
- Mouton, P. le F.N. & J.H. van Wyk 1995. A new crag lizard from the Cape Folded Mountains in South Africa. *Amphibia-Reptilia* **16**: 389-399.

Index

A list of trivial names with the genus (subgenus) to which each was originally assigned.

algoensis, *Cordylus* (*Pseudocordylus*)
angolensis, *Zonurus*
aridus, *Zonurus*
barbertonensis, *Zonurus*
beraduccii, *Cordylus*
breyeri, *Zonurus*
campbelli, *Zonurus*
capensis, *Coprduylus* (*Hemicordylus*)
cataphractus, *Cordylus*
cloetei, *Cordylus*
coeruleopunctatus, *Zonurus*
cordylus, *Lacerta*
depressus, *Zonurus*
derbianus, *Zonurus*
dorsalis, *Cordylus*
fasciatus, *Cordylus* (*Pseudocordylus*)
flavus, *Zonurus*
frenatus, *Zonurus*
giganteus, *Cordylus*
griseus, *Cordylus*
imkae, *Cordylus*
jonesii, *Zonurus*
jordani, *Zonurus*
laevigatus, *Zonurus*
langi, *Pseudocordylus*
lawrenci, *Zonurus*
machadoi, *Cordylus*
macropholis, *Zonurus*
mclachlani, *Cordylus*
meculae, *Cordylus*
melanotus, *Cordylus* (*Pseudocordylus*)
microlepidotus, *Cordylus*
minor, *Cordylus*
montanus, *Cordylus* (*Pseudocordylus*)
mossambicus, *Cordylus*
namaquensis, *Zonurus*
namaquensis, *Pseudocordylus*
nebulosus, *Cordylus*
nebulosus, *Pseudocordylus*
niger, *Cordylus*
nyikae, *Cordylus*
oelofseni, *Cordylus*
parkeri, *Zonurus*
peersi, *Zonurus*
perkoensis, *Zonurus*
polyzonus, *Zonurus*
pustulatus, *Zonurus*

regius, *Cordylus*
rhodesianus, *Zonurus*
rivae, *Zonurus*
robertsi, *Zonurus*
spinosus, *Pseudocordylus*
subviridis, *Cordylus* (*Pseudocordylus*)
tasmani, *Zonurus*
transvaalensis, *Pseudocordylus*
tropidogaster, *Zonurus*
tropidosternum, *Zonurus*
ukingensis, *Zonurus*
vandami, *Zonurus*
verecundus, *Calyptoprymnus*
vertebralis, *Zonurus*
verus, *Cordylus*
vittifer, *Zonurus*
warreni, *Zonurus*
witti, *Zonurus*