

SNAKES COLLECTED BY "PROJETO RONDON XXII" TO PIAUÍ, BRAZIL

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ABSTRACT: Fifteen species belonging to Fifteen genera are listed.

KEYWORDS: Snakes of Piauí, Brazil; *Boidae*; *Colubridae*; *Elapidae*; *Viperidae*.

INTRODUCTION

The snakes collected by the "Projeto Rondon XXII" from Piauí, Brazil, in January 1979 were deposited in the Herpetological Collection of the Instituto Butantan.

Since this region is poorly known and is of special interest for its faunal relations with, Central Brazil, Mato Grosso; Paraguay (as already mentioned by Schmidt and Inger 1951) Northern Argentina and even with more northern regions we decided to publish this list.

BOIDAE

Boa constrictor constrictor Linnaeus

1758 *Boa Constrictor* Linnaeus, Systema Naturae, Ed 10:215

Type locality: India (in error)

IBH — 42.610 — Avelino Lopes — PI. ♂ ; D 78; V 290; A 1; subc. 51; u.lab. 21/21; l.lab. 23/23; head 59,4 mm; body 1.440; tail 175 mm.

IBH 42.615 — São Raimundo Nonato — PI. ♂ ; D 76; V 235; A 1; subc. 50; u.lab. 23/22; l.lab. 27/26; head 63,4 mm; body 1.460; tail 135 mm.

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COLUBRIDAE

Drymarchon corais corais (Boie)

1827 *Coluber corais*, Boie, Isis von Oken, 1827:537.

1899 [*Drymarchon corais corais*] — Stejneger, North Amer. Fauna 14:70.

Type locality: America.

IBH 42.447 — Parnaguá — PI. ♂ ; D 17/17/15; V 207; subc. 77/77; u.lab. 8/8; l.lab. 8/8; head 49,8 mm, body 1.340 mm; tail 34,0 mm; (skin only).

IBH 42.449 — Parnaguá — PI. ♀ ; D 17/17/15; V 199; A 1; subc. 75/75; u.lab. 8/8; l.lab. 8/8; head 60,5 mm; body 1.510 mm; tail 31,0 mm; p.oc. 2; temp. 2.

IBH 42.452 — Simplicio Mendes — PI. ♂ ; D 17/17/15; V 152; A 1; subc. 78/78; u.lab. 8/8; l.lab. 8/8; head 24,7 mm body 535 mm; tail 11,5 mm; p.oc. 2; temp. 2.

Designs and colours are normal as for the subspecies.

Helicops leopardinus (Schlegel)

1837 *Homalopsis leopardina* Schlegel, Essai Physic. Serp., 2:358

Type locality: unknown.

IBH 42.445 — Parnaguá — PI. ♀ ; D 19/19/17; V 128; A 1/1; subc. 60/60; u.lab. 8/8; l.lab. 10/10; head 30,6 mm; body 515 mm; tail 16,5 mm; p.oc. 2; temp. 2.

IBH 42.462 — Parnaguá — PI. ♀ ; 19/19/17; V 127 A 1/1; subc. 76/76; u.lab. 8/8; l.lab. 10/10; head 11,4 mm; body 230 mm; tail 9,0 mm; p.oc. 2; temp. 2.

IBH 42.465 — Parnaguá — PI. ♀ ; D 19/19/17; V 125; A 1/1; subc. 78/78; u.lab. 8/8; l.lab. 9/9; head 13,7 mm; body 170 mm; tail 7,3 mm; p.oc. 2; temp. 2.

When more specimens will be available all this specimens could may be considered as a distinct subspecies for wich the name of *H. lepreuri* Dumeril, Bibron et Duméril is already available.

Leimadophis poecilogyrus xerophilus (Amaral)

1944 *Leimadophis poecilogyrus xerophilus* Amaral, Pap. Avul.

Depto. Zool. São Paulo, 5:81.

Type locality: Not clearly stated; perhaps Ceará, Brazil.

IBH 42.443 — Parnaguá — PI. ♀ ; D 18/18/15; V 155; A 1/1; subc. 54/54; u.lab. 8/8; l.lab. 10/10; head 11,7 mm; body 165 mm; tail 4,0 mm; p.oc. 2; temp. 1.

IBH 42.467 — Monte Alegre — PI. ♂ ; D 19/19/15; V 156; A 1/1; subc. 47/47; u.lab. 8/8; l.lab. 10/10; head 21,5 mm; body 475 mm; tail 10,0 mm; p.oc. 2; temp. 1.

Leptophis ahaetulla liocercus (Wied)

1824 *Coluber liocercus* Wied, *Abbildungen zur Naturgeschichte von Brasilien*: section 14, pl. 3 (also numbered as pl. 58) and accompanying unnumbered page of text.

1948 *Thalerophis richardi liocercus* — Oliver, *Bull. Amer. Mus. Nat. Hist.*, 92:232, fig. 4.

1958 *Leptophis ahaetulla liocercus* — *Int. Comm. Zool. Nomen.*, Op. 524:270.

Type locality: Wied mentions material from Cabo Frio, Paraíba, Maricá, Saquarema (or Sagoarema), Araruama, Ponta Negra, Lagoa Feia and Espírito Santo — Brazil).

IBH 42.453 — Simplicio Mendes — PI. ♀ ; D 13/13/11; V 167; A 1/1; subc. 150/150; u.lab. 8/9; l.lab. 10/11; head 32,4 mm; body 900 mm; tail 53,0 mm; p.oc. 2; temp. 1.

Liophis mossoroensis

1972 *Liophis mossoroensis* Hoge et Lima Verde, *Mem. Inst. Butantan*, 36:215-220, fig. 2.

Type locality: Mossoró, Rio Grande do Norte, Brazil.

IBH 42.444 — Parnaguá — PI. ♀ ; D 17/17/15; V 153; A 1/1; subc. 52/52; u.lab. 8/8; l.lab. 10/10; head 13,8 mm; body 240 mm; tail 5,5 mm; p.oc. 2; temp. 1.

Lygophis dilepis Cope

1862 *Lygophis dilepis* Cope, *Proc. Acad. Nat. Sci. Phila.*, 1862:348.

1953 *Lygophis lineatus dilepis* — Hoge, *Mem. Inst. Butantan*, 24 (1952):251, fig. 2.

Type locality: Paraguay.

IBH 42.535 — São Raimundo Nonato — PI. ♀ ; D 18/18/15; V 173; A 1/1; subc. 66/66; u.lab. 8/8; l.lab. 9/11; head 20,2 mm; body 550 mm; tail 16,5 mm; p.oc. 2; temp. 1.

Mastigodryas bifossatus triseriatus x *Mastigodryas bifossatus lacerdai*

1820 *Coluber bifossatus* Raddi, *Mem. Soc. Italiana Sci. Moderna*, 18:333.

Type locality: Rio de Janeiro, Brazil.

1978 *Mastigodryas bifossatus lacerdai*, Cunha et Nascimento, Publ. Av. Mus. Goeldi, 31:110.

Type locality: Parada Bom Jesus. Highway Capanema — Bragança, Estado do Pará, Brazil.

IBH 42.448 — Parnaguá — PI. ♂; D 15/15/15; V 172; subc. 42/42; u.lab. 7/7; l. lab. 9/9; head 42,9 mm; body 1.000 mm; tail 18,5 mm; p.oc. 2; temp. 2.

Philodryas nattereri (Steindachner)

1870 *Philodryas nattereri* Steindachner, Sitz. Math. Naturwiss. Kl. Akad. Wiss. Wien, 62:345, pl. 7. figs. 1-3.

Type locality: Mato Grosso, Brazil.

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IBH 42.534 — São Raimundo Nonato — PI. ♀ D 21/21/19; V 214; A 1; subc. 119/119; head 15,7 mm; body 315 mm; tail 11,5 mm; (head mut).

Phimophis iglesiassi (Gomes)

1915 *Rhinostoma iglesiassi* Gomes, Ann. Paulista. Med. Cirurg. 4:126.

1967 *Phimophis iglesiassi* Bailey, Herpetologica, 23:159.

Type locality: Piauí, Brazil.

IBH 42.486 — Parnaguá — PI. ♂; D 18/19/17; V 167; A 1; subc. 38/38; u.lab. 8/8; l.lab. 9/9; head 0,7 mm; body 215 mm; tail 35 mm; p.oc. 2; temp. 1.

Spillotes pullatus pullatus (Linnaeus)

1758 *Coluber pullatus* Linnaeus, Systema Naturae; Ed. 10:225

1929 *Spilotes pullatus pullatus* Amaral, Mem. Inst. Butantan, 4:227, fig. 1.

Type locality: Asia, "in error".

IBH 42.540 — Avelino Lopes — PI. ♂; D 16/13/10; V 222; A 1; subc. 114/114; u.lab. 7/7; l.lab. 8/8; head 46,5 mm; body 1.620 mm; tail 51,0 mm; p.oc. 2; temp. 1.

IBH 42.557 — Cristalândia — PI. ♂; D 14/14/12; V 231; A 1; subc. 103/103; u.lab. 6/7; l.lab. 9/9; head 49,7 mm; body 1.755 mm; tail 495 mm; p.oc. 2; temp. 1.

Waglerophis merremii (Wagler)

1824 *Ophis merremii* Wagler, in Spix., Sp. Nov. Serp. Bras.: 47, pl. 17.

1972 *Waglerophis merremii* Hoge and Romano, Mem. Inst. Butantan, 36:209-214 + 15 figs., (1972) 1973.

Type locality: Bahia, Brazil.

IBH 42.440 — São Raimundo Nonato — PI. ♀; D 19/18/17; V 148; A 1/1; subc. 40/40; u.lab. 7/7; l.lab. 10/10; head 22,2 mm; body 400 mm; tail 60 mm; p.oc. 2; temp. 1.

IBH 42.441 — Avelino Lopes — PI. (mut).

IBH 42.630 — São Raimundo Nonato — PI. ♂; D 19/19/17; V 144; A 1/1; subc. 43/43; u.lab. 7/7; l.lab. 11/11; head 29,1 mm; body 625 mm; tail 121 mm; p.oc. 2; temp. 1.

IBH 42.631 — São Raimundo Nonato — PI. ♂; D 19/19/17; V 144; A 1; subc. 44/44; u.lab. 7/7; l.lab. 11/11; head 23,3 mm; body 605 mm; tail 125 mm; p.oc. 2; temp. 1.

IBH 42.632 — São Raimundo Nonato — PI. ♂; D 19/19/17; V 149; A 1/1; subc. 38/38; u.lab. 7/7; l.lab. 10/10; head 39,1 mm; body 765 mm; tail 120 mm; p.oc. 2; temp. 1.

ELAPIDAE

Micrurus ibiboboca (Merrem)

1820 *Elaps ibiboboca* Merrem, Tentamen Systematis Amphibiorum: 142.

1925 *Micrurus ibiboboca* — Amaral, Rev. Mus. Paulista, 15:29.

Type locality: Brazil.

IBH 42.446 — Monte Alegre — PI. ♂; D 15/15/15; V 231; A 1/1; subc. 23/23; u.lab. 7/7; l.lab. 7/7; head 13,2 mm; body 685 mm; tail 4,1 mm; p.oc. 2; temp. 1.

IBH 42.536 — São Raimundo Nonato — PI. ♀; D 15/15/15; V 244; A 1/1; subc. 18/18; u.lab. 7/7; l.lab. 7/7; head 0,83 mm; body 320 mm; tail 1,7 mm; p.oc. 2; temp. 1.

VIPERIDAE

Bothrops moojeni Hoge

1965 *Bothrops moojeni* Hoge, Mem. Inst. Butantan, 32(1966):126, pl. 4; pl. 5, fig. 2.

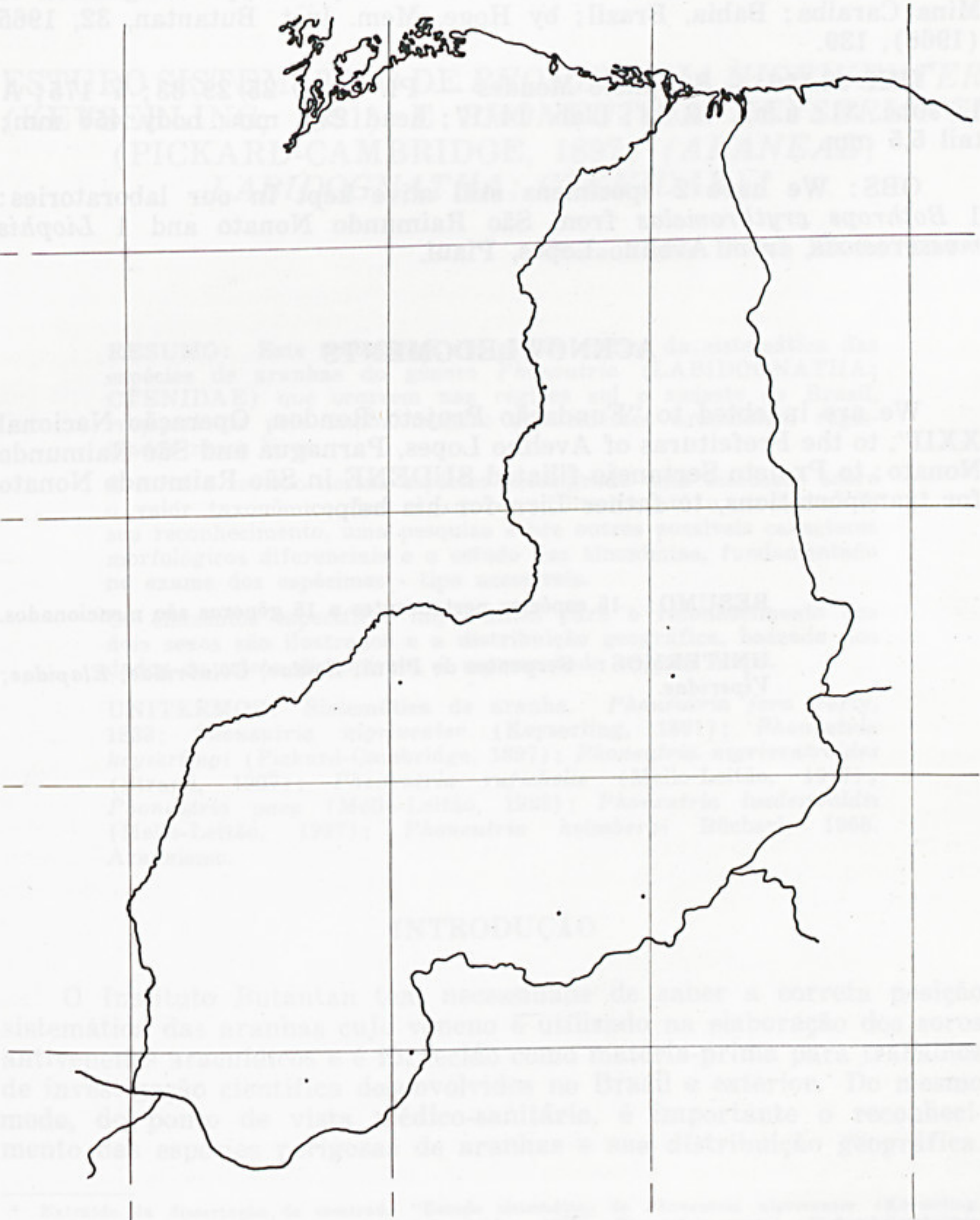
Type locality: Brasília, Distrito Federal, Brazil.

IBH 42.442 — Avelino Lopes — PI. ♀; D 27/27/21; V 193; A 1; subc. 58/58; u.lab. 7/7; l.lab. 10/10; head 34,4 mm; body 700 mm; tail 11,5 mm.

IBH 42.446 — Parnaguá — PI. (skin only), D 27/27/21; V 188; A 1; subc. 44/44; head 41,4 mm; body 900 mm; tail 13,5 mm.

Although the specimens offer some differences with the central brazilian specimens it is not convenient to attribute them another taxonomic situation, because the differences are slight and the specimens proceed from the extreme limits of the distribution.





Crotalus durissus cascavella Wagler

1824 *Crotalus cascavella* Wagler, in Spix. Sp. Nov. Serp. Bras.:60, pl. 24.

1966 *Crotalus durissus cascavella* Hoge, Mem. Inst. Butantan, 32 (1965):139, pl. 12.

Type locality: Bahia, Brazil; restricted by neotype designation to Mina Caraiba; Bahia, Brazil; by Hoge, Mem. Inst. Butantan, 32, 1965 (1966), 139.

IBH 42.556 — Simplicio Mendes — Pl. ♀; D 25/29/33; V 175; A 1; subc. 31; u.lab. 13/14; l.lab. 14/17; head 23,7 mm; body 450 mm; tail 5,5 mm.

OBS: We have 2 specimens still alive kept in our laboratories: 1 *Bothrops erythromelas* from São Raimundo Nonato and 1 *Liophis mossoroensis*, from Avelino Lopes, Piauí.

ACKNOWLEDGMENTS

We are indebted to "Fundação Projeto Rondon, Operação Nacional XXII", to the Prefeituras of Avelino Lopes, Parnaguá and São Raimundo Nonato; to Projeto Sertanejo filiated SUDENE in São Raimundo Nonato for transportations, to father Lira for his help.

RESUMO: 15 espécies pertencentes a 15 gêneros são mencionados.

UNITERMOS: Serpentes do Piauí; *Boidae*; *Colubridae*; *Elapidae*; *Viperidae*.