



# THE XENARTHRA

## FAMILIES MYRMECOPHAGIDAE

## AND DASYPODIDAE

### A BASIC INTRODUCTION TO PARAGUAYAN XENARTHRA

Formerly known as the Edentata, this fascinating group is endemic to the New World and the living species are the survivors of what was once a much greater radiation that evolved in South America. The Xenarthra are composed of three major lineages (Cingulata: Dasypodidae), anteaters (Vermilingua: Myrmecophagidae and Cyclopedidae) and sloths (Pilosa: Bradypodidae and Megalonychidae), each with a distinct and unique way of life - the sloths arboreal, the anteaters terrestrial and the armadillos to some degree fossorial.

Though externally highly divergent, the Xenarthra are united by a number of internal characteristics: simple molariform teeth (sometimes absent), additional articulations on the vertebrae and unique aspects of the reproductive tract and circulatory systems. Additionally most species show specialised feeding styles, often based around the consumption of ants or termites. Despite their singular appearance and peculiar life styles, they have been surprisingly largely ignored by researchers until recently, and even the most basic details of the ecology of many species remain unknown. That said few people who take the time to learn about this charismatic group can resist their charms and certain bizarre aspects of their biology make them well worth the effort to study.

Though just two of the five Xenarthran families are found in Paraguay, the Dasypodidae (Armadillos) are particularly well represented. With 12 species occurring in the country only Argentina, with 15 species, hosts a greater armadillo diversity than Paraguay (Smith et al 2012). Though the English word "armadillo" is derived from the Spanish, meaning "little armoured one", in southern South America you are more likely to hear them called "tatú". Superficially like a mammalian tortoise, the armadillos stand out amongst the South American mammals for their protective "shell" of dermal denticles. Most species also possess strong claws on the forefeet which they use for digging, either to look for food or to escape a predator. Armadillos are generally fast moving animals, but poor eyesight and hearing renders them vulnerable to predators. Though the sense of smell is acute, standing downwind from an armadillo can render you almost undetectable to it. It is not unknown for unwary armadillos to approach a still observer closely, oblivious to their presence, suddenly entering into panic and sprinting away at the first sign of a sudden movement.

Though armadillos are often thought of as "scaly anteaters" in reality very few of the species subsist entirely on ants and termites. Perhaps the most myrmecophagous genera are the Naked-tailed Armadillos *Cabassous*, which are armed with vicious scythe-shaped claws that help them break into termite mounds and the world's largest species, the Giant Armadillo *Priodontes maximus*. It needs to eat a lot of ants and termites to reach a weight of up to 45kg! At the other end of the size scale is the subterranean Chaco Fairy Armadillo *Calyptophractus retusus*, a weirdly furry fossorial little creature with an anal plate that it uses to block its burrows. The *Dasytus* armadillos, with their long noses and long ears, are perhaps the genus that most people imagine when they think of a stereotypical armadillo. It is by far the most widespread genus and the only one that reaches into North America. Another stereotypical misconception about armadillos is that they roll into a ball to protect themselves. In reality this behaviour is unique to a single genus, the heavily armoured Three-banded Armadillos *Tolypeutes*. Typically they leave the shell very slightly open, exposing the underbelly, but stick in a finger and it will snap shut like a hinge with a force that will give you a nasty surprise. The remaining two genera are adaptable omnivores not averse to scavenging on roadkill to feed themselves, the Hairy Armadillos *Chaetophractus* and *Euphractus*.

True anteaters (Myrmecophagidae) on the other hand are, as you might expect, real ant and termite specialists. They come with a series of adaptations that help them make the most of their, frequently

aggressive, choice of prey. While the thickened forelegs and stout claws are built to hack open the sunbaked anthills that house their meal, the exceptionally long snout is perfectly formed for sticking into the midst of the colony. An extraordinarily long, sticky tongue complements the other characteristics leaving the ants with little chance to fight back. Anteaters are slow-moving, short-sighted and often give the impression of being remarkably tame. It would be a mistake to consider them defenceless though, those long claws are just as useful as a defensive weapon as they are for getting into anthills.

Two of the three surviving members of the Myrmecophagidae are present in Paraguay. The breathtakingly handsome Giant Anteater *Myrmecophaga tridactyla* is arguably one of the most extraordinary animals on the planet. Its bold black-and-grey colouration, long, shaggy tail and sheer size mean that it never fails to impress the observer. The other species is the Tamandua or Lesser Anteater *Tamandua tetradactyla*, smaller, more under-stated and somewhat arboreal in behaviour, it focuses its attentions on the tree-living ants and termites that are out of the reach of its bigger cousin.

The third lineage of the Xenarthra are the sloths, a group of completely arboreal and ridiculously slow-moving animals that spend their lives hanging upside down in trees. Though no sloths have been proved to occur in Paraguay, there are occasional intriguing reports of the Brown-throated Sloth *Bradypus variegatus* (Bradypodidae). If indeed there is some substance to these claims, then it is just a matter of time before Paraguay can count yet another member of this fascinating group amongst its incredibly diverse mammalian fauna.

The aim of this volume is to summarise the current knowledge of the biology and ecology of the Paraguayan species of Xenarthra and present it in an accessible and readable form that I hope will be of interest to amateurs and of utility to professionals who work with this fascinating and ancient group of mammals.

## **MAGNORDER XENARTHRA - XENARTHTRANS**

### **ORDER PILOSA, SUBORDER VERMILINGUA**

#### **FAMILY MYRMECOPHAGIDAE - ANTEATERS**

**General characteristics:** Two distinctive species with elongated snout, small eyes and small rounded ears. The mouth is much reduced and located at the tip of the snout. Both species are equipped with a long sticky tongue adapted for hunting ants and termites, their principal food. Both species have four digits on the front foot (though greatly reduced in *Tamandua*), armed with large, viciously hooked claws (particularly the third) designed to break down the nests of their prey. As a result of this they walk on their "wrists" which are marked with a special thickened pad. Their food, though ubiquitous, is of low nutritional value and the anteaters have a correspondingly low metabolic rate. Both species give birth to a single young and exhibit advanced parental care. The small mouth and clawed feet are unsuitable for transporting young, so they ride on the back of the parent until they are old enough to fend for themselves. Fossils are known from the early Miocene of South America.

**Cranial characteristics:** Broad interorbital region. Incomplete zygomatic arch. Greatly elongated snout. Posterior margin of the palate formed by the pterygoids.

**Dental characteristics:** Teeth are lacking in this family.

**Skeletal characteristics:** Thoracolumbar vertebrae are characterized by laminae, which together are broader than the pedicles are high. The rather uniform spinous processes incline slightly caudad (Fig. 1). There is no "diaphragmatic" (or "anticlinal") vertebra. Large mammillary processes occur on all thoracolumbar vertebrae, and mark the longissimus dorsi and the multifidus and rotatores components of the transversospinalis group of muscles. The processes are largest on posterior thoracic vertebrae, and are greatly diminished in size at T1. The lumbar and posterior thoracic zygapophyses bear supernumerary (xenarthrous) articular facets. (Jenkins 1970).

Ribs are expanded, bladelike, with anterior and posterior flanges that are markedly thinner than the central axis of the rib. The posterior flange is invariably wider than the anterior and usually bears a rugose margin. The long axis of a cross section through the proximal half of a rib is directly craniad and slightly mediad, whereas the long axis of a more distal cross section is directed craniad and slightly laterad. A pair of exostoses, one medial and one lateral on the dorsal surface of the angle, usually delineates the boundaries of the iliocostalis muscle. Exostoses are poorly developed on the last two or three ribs and in

some cases may be absent. The intercostal muscles are narrow, and together with the expanded ribs are an adaptation to the stress of excavation. (Jenkins 1970).

Lumbar vertebrae have three articular facets on each zygapophysis (which bears only one in most other mammals). The dorsal facet appears homologous with the anterior facet of a typical vertebra by virtue of its orientation, but becomes successively smaller in more anterior vertebrae, and at T14 is abruptly reoriented to a horizontal plane. At T13 the dorsal facet is confluent with the ventral facet and together both form a convex articular surface across the dorsal surface of the lamina. At T13 the intermediate facet is the only facet borne by the prezygapophysis which is here much smaller than those of the lumbar series. From T12 cranially, the intermediate facet is absent and the prezygapophysis persists only as a small tubercle. The remainder of the thoracic vertebrae are conjoined by articular facets, which are similar to the pattern developed at T13. (Jenkins 1970).

**Genetic characteristics:**

**Ecology:**

**Reproductive Biology:**

**Physiology:** Diniz et al (1995) provide a review of the clinical disorders suffered by 103 captive Myrmecophagidae (88 *Myrmecophaga tridactyla* and 15 *Tamandua tetradactyla*), with the most common problems related to the digestive system (26%), nutritional deficiency (20%), injury (15.5%), respiratory system (10%), skin disorders (7%) and circulatory system (4.5%). Incidences of parasites in faecal samples were present in 48.5% of samples, with nematodes (40%), protozoa (16%), cestodes (8%) and acanthocephalids (1%) the most common. Bacteria cultured from material associated with the animals included *Salmonella enteritidis*, *S. choleraesuis*, *Escherichia coli*, *Enterobacter aerogenes*, *Streptococcus* spp and *Staphylococcus* spp.

**Parasites:**

**Taxonomy:**

***Myrmecophaga* Linnaeus, 1758: Giant Anteater**

This is a monotypic genus. Synonyms adapted from Gardner (2007)

**Synonyms:**

*Myrmecophaga* Linnaeus 1758:35. Type species *Myrmecophaga tridactyla* Linnaeus (1758).

*Nyrmecophaga* Beckstein 1801:1346. Incorrect spelling.

*Myrmecopha* G.Fischer 1803:333. Incorrect spelling.

*Myrmecophagus* Gray 1825:343. Unjustified emendation.

*Falcifer* Rehn 1900:576. Type species *Myrmecophaga jubata* Linnaeus (1766) by monotypy.

**General characteristics:** Immediately identifiable by its huge size and long, hairy, non-prehensile tail. Body hair long, shorter on the head. Pectoral mammae are present. Digit I of forefeet possesses a short and sharp, but inconspicuous claw. Exclusively terrestrial. Fossils known from the early Pleistocene of South America.

**Cranial characteristics:** A monotypic genus, see the species account.

**Dental characteristics:** A monotypic genus, see the species account.

**Taxonomy:** Rehn proposed *Falcifer* as a replacement generic name as he was under the mistaken belief that the type species of *Myrmecophaga* was *M.tetradactyla* (= *Tamandua tetradactyla*).

**Paraguayan Species:**

*Myrmecophaga tridactyla* - Giant Anteater

***Tamandua* Gray, 1825: Tree Anteaters**

There are two species in this genus, one of which occurs in Paraguay. Synonyms adapted from Gardner (2007)

**Synonyms:**

*Myrmecophaga* Linnaeus 1758:35. In part

*Tamandua* Gray 1825:343. No type mentioned, *Myrmecophaga tamandua* G.Cuvier (1798) inferred.

*Tamanduas* F.Cuvier 1829:501. French vernacular. Unavailable.

*Uroleptes* Wagler 1830:36. Type species *Myrmecophaga tetradactyla* Linnaeus (1758) by monotypy.

*Dryoryx* Gloger 1841:112. No type species mentioned.

*Uropeltes* Alston 1880:191. Incorrect spelling.

**General characteristics:** A single species of semi-arboreal anteater with a prehensile-tipped tail, naked on the ventral portion. Body hair short and smooth. Fossils known from the Pleistocene of South America.

**Cranial characteristics:** A monotypic genus, see the species account.

**Dental characteristics:** A monotypic genus, see the species account.

**Paraguayan Species:**

*Tamandua tetradactyla* - Southern Tamandua

### Online Resources

**Edentate Specialist Group** - Publishes the online journal Edentata dealing with armadillos, sloths and anteaters.

### Key to Adults of Paraguayan Species of Anteaters

**1a** Large size, total length >180cm. Predominant colouration blackish-grey. Tail long and bushy. Exclusively terrestrial. - *Myrmecophaga tridactyla*

**1b** Small size, total length <105cm. Predominant colouration creamy-yellow with variable dark patch across shoulder and forelegs. Tail long and narrow, not bushy. Semi-arboreal. - *Tamandua tetradactyla*

## ORDER CINGULATA

### FAMILY DASYPODIDAE - ARMADILLOS

**General characteristics:** Twelve species recorded in Paraguay. The back is rounded and armoured with a carapace covered with horny scales and with bony dermal scutes forming movable bands across the midsection. Both the forepart and the hind part of the carapace are immovable. The underside of the animal is hairy and lacks armour. Armadillos run with rapid movements of their short, strong legs. They have five toes on the hindfoot and three to five toes on the forefoot, each marked with strong claws. Forelimb structure is specialised for digging, exceptionally so in some species. Hindlimb structure is associated with weight bearing and measurement indices are correlated with body size. Most species are excellent diggers, constructing species-specific caves with a rounded roof in which they sleep and raise their young. Armadillos are generally solitary, approachable and tame, with poor vision but an excellent sense of smell. The Guaraní common name is most often used for the species in Paraguay, the Spanish names being understood but rarely used in everyday speech. The Guaraní word for armadillo, "tatu" is also used in vulgar speech in reference to female genitalia! The family is ancient, dating from the late Paleocene of South America.

**Dental characteristics:** The long mandibles are lined with a varying number of semicircular "molariform" teeth which grow continuously through life. These teeth lack enamel. Dental formula is variable and canines and incisors are lacking.

**Skeletal characteristics:** More fossorial species showing a greater length of the olecranon process of the ulna and more robust humerus.

**Genetic characteristics:**

**Ecology:**

**Reproductive Biology:**

**Physiology:**

**Parasites:** Sand flies of the genus *Lutzomyia* subgenus *Trichopygomyia* are commonly found in armadillo burrows and are the main vectors of the *Leishmania* parasites that cause Leishmaniasis in humans (Arias et al).

**Evolution of the Xenarthra:**

**Taxonomy:** According to Möller-Krull et al (2007) the Dasypodidae are split into four subfamilies - Dasypodinae, Chlamyphorinae, Tolypeutinae and Euphractinae.

### Subfamily Dasypodinae Gray, 1821



One genus and three species present in Paraguay. Characteristics are discussed under the generic account below.

***Dasypus*** Linnaeus, 1758: Long-nosed Armadillos

There are seven species in this genus, three present in Paraguay. Synonyms adapted from Gardner (2007).

**Synonyms:**

*Dasypus* Linnaeus 1758:50. Type species *Dasypus novemcinctus* Linnaeus (1758) by tautonomy.

*Tatus* Fermin 1769:110. Name unavailable.

*Tatu* Frisch 1775:Table. Name unavailable.

*Tatu* Blumenbach 1779:94. Type species *Tatu novemcinctus* (= *Dasypus novemcinctus* Linnaeus 1758) by monotypy.

*Cataphractus* Storr 1780:40. Proposed for all armadillos known at the time.

*Loricatus* Desmarest 1804:28. In part. Type species *Loricatus niger* Desmarest (1804) (= *Dasypus novemcinctus* Linnaeus 1758).

*Tatus* Olfers 1818:220. In part. Incorrect spelling.

*Tatusia* Lesson 1827:309. In part. Type species *Dasypus peba* Desmarest (1822) (= *Dasypus novemcinctus* Linnaeus 1758).

*Cachicamus* McMurtie 1831:163. Type species *Dasypus novemcinctus* Linnaeus (1758).

*Cachicama* P.Gervais in I.Geoffroy St.-Hilaire 1835:53. Invalid emendation.

*Zonoplites* Gloger 1841:114. Name proposed for armadillos with four toes on forefeet and two middle toes longer than outer toes.

*Praopus* Burmeister 1854:295. Type species *Dasypus longicaudis* Wied-Neuwied (1826) by monotypy.

*Cryptophractus* Fitzinger 1856:123. Type species *Cryptophractus pilosus* Fitzinger (1856) by monotypy.

*Hyperoambon* W.Peters 1864:180. Type species *Dasypus pentadactylus* W.Peters (1864). Valid as a subgenus.

*Muletia* Gray 1874:244. Type species *Dasypus septemcinctus* Gray (1874) (= *Loricatus hybridus* Desmarest 1804, not *Dasypus septemcinctus* Linnaeus 1758) by monotypy.

*Tatua* W.Robinson & Lyon 1901:161. Incorrect spelling.

*Mulletia* Yepes 1928:506. Incorrect spelling.

*Mulieta* Talmage & Buchanan 1954:80. Incorrect spelling.

**General characteristics:** Small to large armadillos that are easily recognized by their long, naked, tubular ears, set close together on the head, long snout (55% or more of head length) and long, pointed tail (<50% of head and body length). The carapace is smooth, high and rounded, the denticles placed in irregular circles. The proximal two-thirds of the tail is ringed, each ring formed by two or more rows of scutes. There are four toes on the forefeet (digits 2 and 3 the longest) and five on the hindfeet (digit 3 the longest). Diet consists mainly of insects, but somewhat omnivorous, also taking small vertebrates and fruit. The earliest fossils date from the Pliocene of South America.

**Cranial characteristics:** Palate extends way beyond the last molar. Brain case is high and rounded, becoming thinner towards rear. Tympanic ring represents an otherwise unossified bulla.

**Dental characteristics:** Dental formula 7-9/7-9 = 28-36

**Paraguayan Species:**

*Dasypus hybridus* - Southern Long-nosed Armadillo

*Dasypus novemcinctus* - Nine-banded Armadillo

*Dasypus septemcinctus* - Seven-banded Armadillo

**Subfamily Euphractinae Winge, 1823**

**General characteristics:** Three species in Paraguay in two genera. These are small to medium-sized armadillos with a broad head, short snout and short ears. Conspicuous body hair on the carapace, sides and venter. The cephalic shield is broad and forms a ledge over the orbit. Scutes along the ventral margin of the carapace are rounded anteriorly and pointed posteriorly. The forefoot possesses four toes, claws on digits II and III being longest.

**Cranial characteristics:** Auditory bullae and external auditory meatus are ossified.

***Chaetophractus*** Fitzinger, 1871: *Hairy Armadillos*

There are three species in this genus, two present in Paraguay. Synonyms adapted from Gardner (2007).

**Synonyms:**

*Loricatus* Desmarest 1804:28. In part.

*Dasyops* Illiger 1870:70. In part. Not *Dasyops* Linnaeus (1758).

*Tatus* Olfers 1816:220. In part. Incorrect spelling of *Tatu* Blumenbach (1779).

*Tatusia* Lesson 1827:309. In part.

*Euphractus* Burmeister 1861:427. In part. Not *Euphractus* Wagler (1830).

*Chaetophractus* Fitzinger 1871:268. Type species *Dasyops villosus* (= *Loricatus villosus* Desmarest 1804) by designation.

*Dasyphractus* Fitzinger 1871:264. Type species *Dasyphractus brevirostris* by monotypy.

*Choetophractus* Trouessart 1898:1146. Incorrect spelling.

**General characteristics:** Two species of small to medium-sized armadillos. Head is armed with a dermal shield that reaches to the nose. The medium-length ears are well-separated with rounded ends. The dorsal scutes are arranged in a linear fashion and covered in sparse, stiff hairs, with six to eight flexible bands across the centre. The legs and underparts are densely haired. Armadillos in this genus are omnivorous, with some suggestion of seasonal diet changes. The genus is known from the Pliocene of South America.

**Cranial characteristics:** Marked post-orbital constriction. Broad zygomatic arch. Brain case expanded and flattened dorsolaterally. Palatine terminates in a V-shape.

**Dental characteristics:** Dental formula 9/10 = 36.

**Paraguayan Species:**

*Chaetophractus vellerosus* - Lesser Hairy Armadillo

*Chaetophractus villosus* - Greater Hairy Armadillo

***Euphractus* Wagler, 1830: Six-banded Armadillo**

This is a monotypic genus. Synonyms adapted from Gardner (2007).

**Synonyms:**

*Dasyops* Linnaeus 1758:50. In part.

*Loricatus* Desmarest 1804:28. In part.

*Tatus* Olfers 1818:220. In part. Incorrect spelling.

*Euphractus* Wagler 1830:36. Type species *Dasyops sexcinctus* Linnaeus (1758) by designation.

*Encoubertus* McMurtie 1831:163. In part. Proposed as a subgenus of *Dasyops* Linnaeus (1758).

*Pseudotroctes* Gloger 1841:113. Type species *Dasyops setosus* Wied-Neuwied (1826) by monotypy.

*Scleropleura* Milne-Edwards 1871:178. Type species *Scleropleura bruneti* Milne-Edwards (1871) by monotypy.

*Sceloppleura* Trouessart 1898:1141. Incorrect spelling.

**General characteristics:** One large species. The carapace is flattened and with a fine layer of stiff pale hairs protruding from between the dorsal bands. The head is triangular in shape and the ears are short. Forefeet with five digits, the third being the longest. Two to four openings for scent glands present in the mid-dorsum of the pelvic shield. An active burrower, digging for food and to escape enemies. Omnivorous, in addition to insects taking fruit, small vertebrates and even carrion. The genus is known from the mid-Pleistocene of South America.

**Cranial characteristics:** A monotypic genus, see the species account.

**Dental characteristics:** A monotypic genus, see the species account.

**Paraguayan Species:**

*Euphractus sexcinctus* - Six-banded Armadillo

**Subfamily Tolypeutinae Gray, 1865**

**General characteristics:** This subfamily contains the most specialised fossorial armadillos and the most powerful diggers, though notably the genus *Tolypeutes* is non-fossorial. Three genera and four species present in Paraguay. The subfamily is split into two tribes, the Priodontini (*Cabassous* and *Priodontes*) and the Tolypeutini (*Tolypeutes*).

***Tribe Priodontini Gray, 1873***

**General characteristics:** Small to extremely large armadillos with a blunt, rounded snout, thick fleshy ears and relatively large eyes. The carapace is domed and separated from the cephalic plate by three rows of nuchal scutes. Scapular and pelvic shields are separate by 11 to 14 movable bands. Body hair is sparse. Five toes on the forefoot with digit III armed with a scythe-shaped claw.

**Cranial characteristics:** Frontal bones have a dome-like swelling. Only the tympanic ring of each bulla is ossified.

***Cabassous*** McMurtrie, 1831: *Naked-tailed Armadillos*

Four species in this genus, three present in Paraguay. Synonyms adapted from Gardner (2007):

**Synonyms:**

*Dasyops* Linnaeus 1758:50. In part.

*Tatus* Olfers 1818:220. In part. Incorrect spelling of *Tatu* Blumenbach (1779).

*Xenurus* Wagler 1830:36. Type species *Dasyops gymmurus* Wied-Neuwied (1826) (= *Xenurus squamicaudis* Lund 1845) by monotypy. Preoccupied.

*Tatusia* Lesson 1827:309. In part.

*Cabassous* McMurtrie 1831:164. Type species *Dasyops uncinctus* Linnaeus (1758) by monotypy. Proposed as a subgenus of *Dasyops* Linnaeus (1758).

*Arizostus* Gloger 1841:114. Type species *Dasyops gymmurus* (= *Tatus gymmurus* Olfers 1818) by monotypy.

*Tatona* Gray 1865:378. Type species *Dasyops uncinctus* Linnaeus (1758) by monotypy. Proposed as a subgenus of *Dasyops* Linnaeus (1758).

*Ziphila* Gray 1873:22. Type species *Ziphilus lugubris* Gray (1873) by monotypy.

*Lysiurus* Ameghino 1891:254. Proposed as replacement name for *Xenurus* Wagler (1830).

*Cabassus* Trouessart 1905:820. Incorrect spelling.

*Cabassus* Neveu-Lemaire & Grandidier 1911:103. Incorrect spelling.

**General characteristics:** Three species of medium-sized armadillo characterized by the fairly long, thin tail lacking well-developed plates (hence “naked-tailed”). The snout is very short and broad with a blunt end and the nostrils are guarded by a fine line of bristles. Ears funnel-shaped and capable of folding flat, closing the external auditory meatus. All feet possess five toes. Digits three, four and five of the forefeet are broad and scythe-shaped and the claw on the first digit is long and slender. Hindfoot with blunt claws, the third being the longest. Carapace ovoid, dome-shaped and quite flexible with 11 to 14 movable bands. Dorsal plates are in transverse rows across the length of the body. These are nocturnal, solitary animals that give birth to a single young. The diet consists largely of ants and termites, these armadillos burrow frequently and often forage underground. The genus is known from the mid-Pleistocene of Brazil.

**Cranial characteristics:** Frontal bone with dome-like expansion. Rostrum short and tympanic ring present. Elongated infraorbital canal. Distance from lacrimal foramen and anterior opening of infraorbital foramen one-quarter to one-third rostral length. Mandible slender with articular process higher than coronoid process.

**Dental characteristics:** Dental formula 7-10/8-9 =30-38. Teeth peg-shaped and vary from circular to ovoid in form on either axis.

**Skeletal characteristics:** 7 cervical vertebrae, 12 (or 12-13) thoracic, 3 (or 3-4) lumbar, 10 (or 9-11) sacral and 18 (or 15-20) caudal.

**Paraguayan Species:**

*Cabassous chacoensis* - Chaco Naked-tailed Armadillo

*Cabassous tatouay* - Greater Naked-tailed Armadillo

*Cabassous uncinctus* - Southern Naked-tailed Armadillo

***Priodontes*** F. Cuvier, 1825: *Giant Armadillo*

This is a monotypic genus. Synonyms adapted from Gardner (2007).

**Synonyms:**

*Dasyops* Kerr 1792:112. In part. Not Linnaeus (1758).

*Loricatus* Desmarest 1804:28. In part.

*Tatus* Olfers 1818:220. In part. Incorrect spelling of *Tatu* Blumenbach (1779).

*Priodontes* F.Cuvier 1825:527. Type species *Dasyops gigas* G.Cuvier (1817) by monotypy.

*Cheloniscus* Wagler 1830:35. Type species *Dasyops gigas* G.Cuvier (1817) by monotypy.

*Priodon* McMurtrie 1831:164. Type species *Dasyops gigas* G.Cuvier (1817) by monotypy. Proposed as a subgenus of *Dasyops* Linnaeus (1758). Preoccupied by *Priodon* Quay & Gaimard (1824).

*Polygomphius* Gloger 1841:114. Type species *Dasyops gigas* G.Cuvier (1817) by monotypy.

*Prionodon* Gray 1843:xxvii. Nomen nudum.

*Priodonta* Gray 1843:xxvii. Incorrect spelling.

*Prionodontes* Schinz 1845:312. Incorrect spelling.

*Prionodos* Gray 1865:374. Introduced as a replacement for *Priodontes* F.Cuvier (1825).

**General characteristics:** A single species of huge size, much the largest member of its family. The snout is rounded and blunt-ended. Ears and eyes are large. Carapace is divided into bands of which the central 11 to 13 are flexible. The tail is covered with tightly-packed plates that are not arranged in rows. Feeds almost exclusively on ants and termites, destroying their nests with the long, sharply hooked claws of the forefeet (third digit being especially long). This species digs habitually, creating diagnostic large burrows which are occupied for a single night. Such burrows are often dug into termite mounds and a large number may be clumped into a single small area.

**Cranial characteristics:** A monotypic genus, see the species account.

**Dental characteristics:** A monotypic genus, see the species account.

**Paraguayan Species:**

*Priodontes maximus* - Giant Armadillo

### ***Tribe Tolypeutini Gray, 1865***

Consists of a single genus of which one species is present in Paraguay. Characteristics are discussed under the generic account below.

***Tolypeutes*** Illiger, 1811: *Three-banded Armadillo*

Two species, one present in Paraguay. Synonyms adapted from Gardner (2007)

**Synonyms:**

*Tolypeutes* Illiger 1811:111. Type species *Dasybus tricinctus* Linnaeus (1758) by designation (Yespes 1928).

*Matacus* Rafinesque 1815:57. Nomen nudum.

*Tolypeutis* Olfers 1818:221. Incorrect spelling.

*Tatusia* Lesson 1827:309. In part.

*Apara* McMurtrie 1831:163. Type species *Dasybus tricinctus* Linnaeus (1758) by monotypy. Proposed as a subgenus of *Dasybus* Linnaeus (1758).

*Sphaerocormus* Fitzinger 1871:376. Type species *Tolypeutes conurus* I. Geoffroy St.Hilaire (1847) by monotypy.

*Cheloniscus* Gray 1873:23. Type species *Cheloniscus tricinctus* Gray (1873) (= *Dasybus tricinctus* Linnaeus (1758) by monotypy. Preoccupied.

*Tolypeutes* Matschie 1894:62. Incorrect spelling.

*Tolypoïdes* Grandidier & Neveu-Lemaire 1905:370. Type species *Tolypoïdes bicinctus* Grandidier & Neveu-Lemaire (1905) by monotypy.

*Tolypuetes* Talmage & Buchanan 1954:73. Incorrect spelling.

**General characteristics:** A single species of small armadillo possessing a uniquely short, stumpy tail covered in tubercles. The ears are fairly large and rounded and the carapace is high, rounded and almost without hairs. Pectoral and pelvic shields are convex and extremely hard separated by 2-4 (usually 3) movable bands. Head shield is elongated, flattened and with rounded lateral and posterior margins. Body hair is conspicuous below the carapace. In the Paraguayan species there are 4 toes on the forefeet and five toes on the hindfeet with digits II to IV unified and bearing hoof-like claws. Feeds almost exclusively on ants, termites and soft-bodied invertebrates. When threatened it takes flight rather than burrowing as do other armadillos, characteristically rolling into a ball when captured. The earliest record of the genus is from the Pliocene of South America.

**Paraguayan Species:**

*Tolypeutes matacus* - Southern Three-banded Armadillo

### ***Subfamily Chlamyphorinae Bonaparte 1850***

**General characteristics:** This tribe contains the most fossorial of all armadillos. The ears are small and eyes tiny. Head shield is reduced to a thin flexible plate which is separated from the rounded rump plate. The sides of the body and ventral region is covered with long, thick whitish hair. Forefoot possesses five digits with disproportionately large claws - the species is adapted for "fast digging" in soft soils as opposed to "power digging" in hard substrates. One genus and one species present in Paraguay.

***Calyptophractus*** Fitzinger, 1871: Fairy Armadillos

This is a monotypic genus. Synonyms adapted from Gardner (2007).



**Synonyms:**

*Chlamyphorus* Burmeister 1863:167. Not *Chlamyphorus* Harlan (1825).

*Burmeisteria* Gray 1865:381. Type species *Burmeisteria retusa* (= *Chlamyphorus retusus* Burmeister 1863) by monotypy. Preoccupied by *Burmeisteria* Salter (1865).

*Calyptophractus* Fitzinger 1871:388. Type species *Chlamyphorus retusus* Burmeister (1863) by monotypy.

**General characteristics:** A single, distinctive species of small armadillo. Head shield is broad and carapace is thin and flexible, attached along the sides of the body. The tail is extremely short, flattened dorsoventrally and with a pointed tip. The rump plate is rounded, abruptly flattened and acts as a “plug” when burrowing. The genus is known from the Pleistocene of South America.

**Cranial characteristics:** A monotypic genus, see the species account.

**Paraguayan Species:**

*Calyptophractus retusus* - Chaco Fairy Armadillo

**Online Resources**

**Edentate Specialist Group** - Publishes the online journal Edentata dealing with armadillos, sloths and anteaters.

**Key to Adults of the Paraguayan Species of Armadillos**

1a Carapace complete on head and dorsum, with movable bands on latter. Total length >25cm.

go to 2

1b Carapace incomplete, reduced to small dorsal plates on head and along spine. Heavily furred. Total length tiny <16cm.

***Calyptophractus retusus***

2a Forefeet with one or more greatly enlarged, scythe-like foreclaws.

go to 3

2b Forefeet lacking greatly enlarged, scythe-like foreclaws.

go to 6

3a Enormous, total length >140cm, body length >70cm.

***Priodontes maximus***

3b Total length <80cm, body length <50cm.

go to 4

4a Three movable bands across dorsal surface. Curls into ball for defence - does not dig. Tail short, stumpy and covered in bony tubercles.

***Tolypeutes matacus***

4b >10 movable bands across dorsal surface. Digs rapidly to escape persecution. Tail long, thin and "naked" - lacking well-developed plates.

***Cabassous* go to 5**

5a Ears long and funnel-shaped extending above the head. Distributed in eastern Paraguay.

go to 11

5b Ears short and rounded do not extend above the head. Fleshy expansion on anterior margin of ear. Distributed in the Chaco.

***Cabassous chacoensis***

6a Stiff dorsal hairs present on carapace. Ears well-separated at base. Snout short and blunt.

go to 9

6b Carapace steeply rounded and lacking dorsal hairs. Ears joined at base. Snout long and tubular.

***Dasypus* go to 7**

**7a** Total length >60cm. Tail equal to or greater than head and body length. 8 or 9 movable bands with distinct pale edges. Mean of 60 scutes along 4th movable band

***Dasypus novemcinctus***

**7b** Total length <50cm. Tail equal to or shorter than head and body length. 6 or 7 movable bands.  
go to 8

**8a** Tail 65-70% of head and body length. Ears 25-30% head length. Total length c46cm. Mean of 54 scutes along 4th movable band.

***Dasypus hybridus***

**8b** Tail 80-100% of head and body length. Ears 40-50% head length. Total length c40cm. Mean of 48 scutes along 4th movable band.

***Dasypus septemcinctus***

**9a** Total length <40cm. Ears long, projecting well above head and extending to the second row of scapular scutes when laid back. Carapace somewhat rounded. Lacks holes in pelvic shield.

***Chaetophractus vellerosus***

**9b** Total length >40cm. Ears short and rounded. Carapace flattened dorsally. Holes in pelvic shield.  
go to 10

**10a** Scutes typically dark reddish brown, guard hairs dark. 7 or 8 movable bands (never 6) between scapular and pelvic shields, at least 2 movable neck bands. Scutes of head shield small and disorganised.

***Chaetophractus villosus***

**10b** Scutes typically pale yellow-brown, guard hairs pale. 6 to 8 movable bands between scapular and pelvic shields and one movable neck band. Scutes of head shield large and well-organised.

***Euphractus sexcinctus***

**11a** Large (<36cm Head body length) with shield colouration usually reddish. Mean number of cephalic scutes 48.3 (+/-3.7). Ear length >40mm. Number of scutes on 4th movable band 30.8 (+/-1.6). Usually in red soil areas throughout eastern Paraguay.

***Cabassous tatouay***

**11b** Medium-sized (<35cm Head body length) with shield colouration usually dark brownish or blackish. Mean number of cephalic scutes 54 (+/-5.5). Ear length <30mm. Number of scutes on 4th movable band 27.4 (+/-1.3). Usually in sandy soil areas in the cerrado zone of north-eastern Paraguay.

***Cabassous unicinctus*****COMPLETE BIBLIOGRAPHY FOR VOLUME 2**

**Abba AM, Cassini MH** 2010 - Ecological Differences Between Two Sympatric Species of Armadillos (*Xenarthra*, Mammalia) in a Temperate Region of Argentina - *Acta Theriologica* 55: p35-44.

**Abba AM, Nabte MJ, Sauthier DEU** 2010 - New Data on Armadillos (*Xenarthra*: Dasypodidae) for Central Patagonia, Argentina - *Edentata* 11: p11-17.

**Abba AM, Sauthier DEU, Vizcaino SF** 2005 - Distribution and Use of Burrows and Tunnels of *Chaetophractus villosus* (Mammalia: *Xenarthra*) in the Argentinean Pampas - *Acta Theriologica* 50: p115-124.

**Abba AM, Superina M** 2010 - The 2009/2010 Armadillo Red List Assessment - *Edentata* 11: p135-184.

**Abba AM, Vizcaíno SF** 2008 - Los Xenartros (Mammalia: *Xenarthra*) del Museo Argentino de Ciencia Naturales "Bernadino Rivadavia" y del Museo de La Plata, Argentina - *Contribuciones del MACN* 4: p5-37.

**Abba AM, Vizcaino SF, Cassini SH** 2007 - Effects of Land Use on the Distribution of Three Species of Armadillos in the Argentinean Pampas - *Journal of Mammalogy* 88: p502-507.

**Abba AM, Vizcaíno SF, Cassini MH** 2009 - Eto-Ecología y Conservación de Tres Especies de Armadillos (*Dasypus hybridus*, *Chaetophractus villosus* y *C.vellerosus*) en el Noreste de la Provincia de Buenos Aires, Argentina - *Edentata* 8-10: p41-47.

- ABC Newspaper** 2011- Seam Otorga Guía para la Exportación de Tatú Bolita - Consulted online 10 February 2011 at <http://www.abc.com.py/nota/seam-otorga-guia-para-la-exportacion-de-tatu-bolita/>.
- Adamoli VC, Cetica PD, Merani MS, Solari AJ** 2001 - Comparative Morphologic Placental Types in Dasypodidae (*Chaetophractus villosus*, *Cabassous chacoensis*, *Tolypeutes matacus* and *Dasyurus hybridus*) - *Biocell* 25: p17-22.
- Adesiyun AA** 1999 - Absence of *Echerichia coli* O157 in a Survey of Wildlife from Trinidad and Tobago - *Journal of Wildlife Diseases* 35: p115-120.
- Adesiyun AA, Seepersadsingh N, Inder L, Caesar K** 1998 - Some Bacterial Enteropathogens in Wildlife and Racing Pigeons from Trinidad - *Journal of Wildlife Diseases* 34: p74-80.
- Affanni JM, Cervino CO, Aldana Marcos HJ** 2001 - Absence of Penile Erections During Paradoxical Sleep. Peculiar Penile Events During Wakefulness and Slow Wave Sleep in the Armadillo - *Journal of Sleep Research* 10: p219-228.
- Affanni JM, Lisogorsky E, Scaravilli AM** 1972 - Sleep in the Giant South American Armadillo *Prionotus giganteus* (Edentata, Mammalia) - *Experientia* 28: p1046-1047.
- Aldana Marcos HJ, Affanni JM** 2005 - Anatomy, Histology, Histochemistry and Fine Structure of the Harderian Gland in the South American Armadillo *Chaetophractus villosus* (Xenarthra, Mammalia) - *Anatomy and Embryology* 209: p409-424.
- Alkan C, Cardone MF, Catacchio CR, Antonacci F, O'Brien SJ, Ryder OA, Purgato S, Zoli M, Della Valle G, Eichler EE, Ventura M** 2010 - Genome-wide Characterization of Centromeric Satellites from Multiple Mammalian Genomes - *Genome Research* 21: p137-145.
- Allen JA** 1895 - On the Names Given by Kerr in his "Animal Kingdom" Published in 1792 - *Bulletin AMNH* 7: p179-192.
- Allen JA** 1904 - The Tamandua Anteaters - *Bulletin AMNH* 20: p385-398.
- Allen JA** 1910 - Additional Mammals from Nicaragua - *Bulletin AMNH* 28: p87-115.
- Altrichter M** 2006 - Wildlife in the Life of Local People of the Semi-arid Argentine Chaco - *Biodiversity and Conservation* 15: p2719-2736.
- Alves RNN, Barbosa JAA, Santos SLDX, Souto WMS, Barboza RDD** 2009 - Animal Based Remedies as Complementary Medicines in the Semi-arid Region of Northeastern Brazil - *eCAM* doi:10.1093/ecam/nep134 p1-13.
- Alves RNN, Lima HN, Tavares MC, Souto WMS, Barboza RDD, Vasconcelos A** 2008 - Animal Based Remedies as Complementary Medicines in Santa Cruz do Capibaribe, Brazil - *BMC Complementary and Alternative Medicine* 8: 44.
- Alves RRN, Rosa IL** 2006 - From Cnidarians to Mammals: The Use of Animals as Remedies in Fishing Communities in Northeast Brazil - *Journal of Ethnopharmacology* 107: p259-276.
- Alves RRN, Rosa IL** 2007a - Zootherapeutic Practices Among Fishing Communities in North and Northeast Brazil: A Comparison - *Journal of Ethnopharmacology* 111: p82-103.
- Alves RRN, Rosa IL** 2007b - Zotherapy Goes to Town: The Use of Animal-based Remedies in Urban Areas of NE and N Brazil - *Journal of Ethnopharmacology* 113: p541-555.
- Alves RRN, Rosa IL** 2010 - Trade of Animals Used in Traditional Brazilian Medicine: Trends and Implications for Conservation - *Human Ecology* 38: p691-704.
- Alves RRN, Rosa IL, Santana GG** 2007 - The Role of Animal-derived Remedies as Complementary Medicine in Brazil - *BioScience* 57: p949-955.
- Alves RRN, Soares TC, Mourão J da S** 2008 - Uso de Animais Medicinais na Comunidade de Bom Sucesso, Soledade, Estado de Paraíba, Brasil - *Sitentibus Serie Ciencias Biologicas* 8: p142-147.
- Anacleto TC de S** 2001 - Hábito Alimentar do Tatu-canastra (*Xenarthra*, Dasypodidae) em uma Área de Cerrado do Brasil Central - *Revista Brasileira de Zoologia* 18: p681-688.
- Anacleto TC de S** 2007 - Food Habits of Four Armadillo Species in the Cerrado Area, Mato Grosso, Brazil - *Zoological Studies* 46: p529-537.
- Anacleto TC de S, Diniz-Filho JAF, Vital MVC** 2006 - Estimating Potential Geographic Ranges of Armadillos (*Xenarthra*, Dasypodidae) in Brazil Under Niche-based Models - *Mammalia* 70: p202-213.
- Anacleto TCS, Ferreira AA, Diniz Filho JAF, Ferreira LG** 2005 - Seleção de Áreas de Interesse Ecológico Através de Sensoriamento Remoto e de Otimização Matemática: Um Estudo de Caso no Município de Cocalinho, MT - *Acta Amazonica* 35: p437-444.

- Anderson S** 1997 - Mammals of Bolivia: Taxonomy and Distribution - *Bulletin AMNH* 231.
- Ancona KA, Loughry WJ** 2009 - Time Budgets of Wild Nine-banded Armadillos - *Southeastern Naturalist* 8: p587-598.
- Anthony Mathews AG** 1977 - Studies on Termites from the Mato Grosso State, Brazil - *Academia Brasileira de Ciencias, Rio de Janeiro*.
- Antunes JMAP, Demoner L de C, Martins IVF, Zanini MS, Deps PD, Pujol-Luz JR** 2006 - Registro de *Dasybus novemcinctus* (Mammalia: Xenarthra) Parasitado por *Tunga terasma* (Siphonoptera: Tungidae) em Alegre, Estado do Espírito Santo, Brasil - *Revista Brasileira de Parasitologia Veterinaria* 15: p206-207.
- Aranda M** 1994 - Importancia de los Pecaries (*Tayassu* spp) en la Alimentación del Jaguar (*Panthera onca*) - *Acta Zoológica Mexicana* (n.s) 62: p11-22.
- Arias JR, Ready PD, Freitas RA de** 1983 - A Review of the Subgenus *Trichopygomyia* Barretto, 1962; with Description of a New Species from the Brazilian Amazon Basin (Diptera: Psychodidae: Phlebotominae) - *Memorias Instituto Oswaldo Cruz* 78: p449-472.
- Arteaga MC, Venticinque EM** 2010 - Cuevas de Armadillos (Cingulata: Dasypodidae) en la Amazonia Central: Son Útiles para Identificar Especies? - *Edentata* 11: p29-33.
- Audubon JJ, Bachman J** 1854 - Quadrupeds of North America Vol 3 - VG Audubon.
- Ávila-Pires FD de** 1965 - The Type Specimens of Brazilian Mammals Collected by Prince Maximilian zu Wied - *AMNH Novitates* 2209
- Azara F de** 1801 - Essais sur l'Histoire Naturelle des Quadrupèdes de la Province du Paraguay - Charles Pougens, Paris.
- Azara F de** 1802 - Apuntamientos para la Historia Natural de los Cuadrúpedos del Paraguay y Rio de la Plata - La Imprenta de la Viuda de Ibarra, Madrid.
- Azevedo FCC de** 2008 - Food Habits and Livestock Depredation of Sympatric Jaguars and Pumas in the Iguazu National Park Area, South Brazil - *Biotropica* 40: p494-500.
- Azevedo TR de, El Achkar D, Martins M de, Ximénez A** 1982 - Lista Sistemática dos Mamíferos de Santa Catarina Conservados nos Principais Museus do Estado - *Revista Nordest. Biol.* 5: p93-104.
- Azurduy H, Aguanta F, Acosta L** 2005 - Nota Sobre los Registros y Distribución de *Chlamyphorus retusus* en Bolivia - *Kempffiana* 1: p58-62.
- Bagagli E, Franco M, Bosco S de MG, Hebler-Barbosa F, Trinca LA, Montenegro MR** 2003 - High Frequency of *Paracoccidioides brasiliensis* Infection in Armadillos (*Dasybus novemcinctus*): An Ecological Study - *Medical Mycology* 41: p217-223.
- Bagagli E, Sano A, Coelho KI, Alquati S, Miyaji M, Pires de Camargo Z, Gomes GM, Franco M, Montenegro MR** 1998 - Isolation of *Paracoccidioides brasiliensis* from Armadillos *Dasybus novemcinctus* Captured in an Endemic Area of Paracoccidioidomycosis - *American Journal of Tropical Medicine and Hygiene* 58: p505-512.
- Bailey HH** 1924 - The Armadillo in Florida and How it Reached There - *Journal of Mammalogy* 5: p264-265.
- Bailey V** 1928 - Animal Life of the Carlsbad Cavern - *Monographs of the Museum of Natural History, University of Kansas* 3: p1-415.
- Baker RH** 1943 - May Food Habits of Armadillos in Eastern Texas - *American Midland Naturalist* 23: p379.
- Barrett TV, Naiff RD** 1990 - Trypanosomes of the Subgenus *Megatrypanum* from Armadillos (Xenarthra: Dasypodidae) - *Memorias Instituto Oswaldo Cruz* 85: p407-411.
- Barroso CML, Seuánez H** 1991 - Chromosome Studies on *Dasybus*, *Euphractus* and *Cabassous* Genera (Edentata: Dasypodidae) - *Cytobios* 68: p179-196.
- Beath MM, Benirschke K, Brownhill LE** 1962 - The Chromosomes of the Nine-banded Armadillo *Dasybus novemcinctus* - *Chromosoma* 13: p27-38.
- Bechara GH, Szabó MPJ, Almeida-Filho WV, Bechara JN, Pereira RJG, Garcia JE, Pereira MC** 2002 - Ticks Associated with Armadillo *Euphractus sexcinctus* and Anteater *Myrmecophaga tridactyla* of Emas National Park, State of Goiás, Brazil - *Annals of the New York Academy of Science* 969: p290-293.
- Bechara GH, Szabó MPJ, Duarte JMB, Matushima ER, Campos Perreira M, Rechav Y, Keirans JE, Fielden LJ** 2000 - Ticks Associated With Wild Animals in the Nhecolândia Pantanal, Brazil - *Annals of the New York Academy of Science* 916: p289-297.



- Bermúdez PM, Polini NN, Casanave EB** 2004 - A Study of Platelets in the Armadillo *Chaetophractus villosus* (Xenarthra, Dasypodidae) - *Platelets* 15: p279-285.
- Bernier D** 2003 - North American Regional Studbook for the Southern Three-banded Armadillo (*Tolypeutes matacus*) - Lincoln Park Zoo, Chicago.
- Bezerra AMR, Rodrigues FHG, Carmignotto AP** 2001 - Predation of Rodents by the Yellow Armadillo (*Euphractus sexcinctus*) in Cerrado of Central Brazil - *Mammalia* 65: p86-88.
- Blair FW** 1936 - The Nine-banded Armadillo in Northeastern Oklahoma - *Journal of Mammalogy* 17: p293-294.
- Blickstein I, Keith LG** 2007 - On the Possible Cause of Monozygotic Twinning: Lessons from the 9-banded Armadillo and from Assisted Reproduction - *Twin Research and Human Genetics* 10: p394-399.
- Blumenbach JF** 1779 - Handbuch der Naturgeschichte - Johann Christan Dieterich, Göttingen.
- Boily P** 2002 - Individual Variation in Metabolic Traits of Wild Nine-banded Armadillos (*Dasybus novemcinctus*) and the Aerobic Capacity Model for the Evolution of Endothermy - *Journal of Experimental Biology* 205: p3207-3214.
- Bolkovic ML, Caziani SM, Protomastro JJ** 1995 - Food Habits of the Three-banded Armadillo (Xenarthra: Dasypodidae) in the Dry Chaco of Argentina - *Journal of Mammalogy* 76:p1199-1204.
- Bonato V** 2002 - Ecologia e História Natural de Tatus do Cerrado de Itirapaina, São Paulo (Xenarthra: Dasypodidae) - Masters Dissertation Universidad Estadual de Campinas, Brazil.
- Bonato V, Martins EG, Machado G, da Silva CQ, dos Reis SF** 2008 - Ecology of the Armadillos *Cabassous unicinctus* and *Euphractus sexcinctus* (Cingulata: Dasypodidae) in a Brazilian Cerrado - *Journal of Mammalogy* 89: p168-174.
- Botelho JR, Linardi PM, Encarnação CD da** 1989 - Interrelações entre Acari Ixodidae e Hospedeiros Edentata da Serra da Canastra, Minas Gerais, Brasil - *Memorias Instituto Oswaldo Cruz* 84: p61-64.
- Braga FG, Santos REF, Batista AC** 2010 - Marking Behavior of the Giant Anteater *Myrmecophaga tridactyla* (Mammalia: Myrmecophagidae) in Southern Brazil - *Zoologia* 27: p7-12.
- Braga de Miranda GH, Guimarães FH, Medri IM, Vinci dos Santos F** 2003 - Giant Anteater *Myrmecophaga tridactyla* Beehive Foraging at Emas National Park, Brazil - *Edentata* 5: p55.
- Breece GA, Dusi JL** 1985 - Food Habits and Home Range of the Common Long-nosed Armadillo *Dasybus novemcinctus* in Alabama. In: The Evolution and Ecology of Armadillos, Sloths, and Vermilinguas, G. G. Montgomery (ed.), p419-427 - Smithsonian Institution Press, Washington, DC.
- Brooks DM** 1995 - Distribution and Limiting Factors of Edentates in the Paraguayan Chaco - *Edentata* 2: p10-15.
- Brum JGW, Valente ALS, Albano AP, Coimbra MAC, Greque GG** 2003 - Ixodidae de Mamíferos Silvestres Atendidos no Núcleo de Reabilitação da Fauna Silvestre, UFPEL - *Arquivos Instituto Biologia São Paulo* 70: p211-212.
- Buchanan GD** 1958 - The Current Range of the Armadillo *Dasybus novemcinctus mexicanus* in the United States - *Texas Journal of Science* 10: p349-351.
- Buchanan GD, Talmage RV** 1954 - The Geographical Distribution of the Armadillo in the United States - *Texas Journal of Science* 6: p142-150.
- Buffon GLL** 1763 - Histoire Naturelle Générale et Particulière avec la Description du Cabinet du Roi Vol 10 - Paris.
- Buffon G** 1776 - Histoire Naturelle, Générale et Particulière Avec la Description du Cabinet du Roi - Paris Suppl Vol 3.
- Burmeister H** 1848 - Ueber *Dasybus novemcinctus* - *Seit. Zool. Zoot. Palaeontol.* 1: p199.
- Burmeister H** 1854 Systematische Uebersicht der Thiere Brasiliens: Welche während einer Reise durch die Provinzen von Rio de Janeiro und Minas Geraës Gesammt oder beobachtet wurden Vol 1 - G.Reimer, Berlin.
- Burmeister H** 1861 - Reise durch die La Plata-Staaten mit Besonderer Rücksicht auf die Physische Beschaffenheit und den Culturzustand der Argentinischen Republik Ausgeführt in den Jahren 1857, 1858, 1859 und 1860 - HW Schmidt, Halle.
- Butler JA, Broadhurst C, Green M, Mullin Z** 2004 - Nesting, Nest Predation and Hatchling Emergence of the Carolina Diamondback Terrapin *Malaclemys terrapin centrata* in Northeastern Florida - *American Midland Naturalist* 152: p145-155.

- Cabrera A** 1958 - Catálogo de los Mamíferos de América del Sur - *Revista Museo Argentino de Ciencias Naturales Bernardino Rivadavia Zoology* 4: p1-307.
- Cadavid D, Restrepo A** 1993 - Factors Associated with *Paracoccidioides brasiliensis* Infection Among Permanent Residents of Three Endemic Areas in Colombia - *Epidemiology and Infection* 111: p121-133.
- Calouro AM** 1999 - Riqueza de Mamíferos de Grande e Médio Porte do Parque Nacional da Serra do Divisor (Acre, Brasil) - *Revista Brasileira de Zoologia* 16 supp 2: p195-213.
- Calvopina M, Armijos RX, Hashiguchi Y** 2004 - Epidemiology of Leishmaniasis in Ecuador: Current Status of Knowledge: A Review - *Memorias Instituto Oswaldo Cruz* 99: p663-672
- Camilo-Alves C de S e P, Miranda Mourão G de** 2006 - Responses of a Specialized Insectivorous Mammal (*Myrmecophaga tridactyla*) to Variations in Ambient Temperature - *Biotropica* 38: p52-56.
- Canevari M, Vaccaro O** 2007 - Guía de Mamíferos del Sur de América del Sur - LOLA, Buenos Aires.
- Carlini AA, Scillato-Yané GJ** 1996 - Un Euphractini (Mammalia: Dasypodidae) del Plioceno de Chapadamalal (Buenos Aires, Argentina). Consideraciones Filogenéticas Sobre los Euphractini - *Revista Museo de la Plata* 9: p225-238.
- Carmanchahi PD, Aldana Marcos HJ, Ferrari CC, Affanni JM** 1999 - The Vomeronasal Organ of the South American Armadillo *Chaetophractus villosus* (Xenarthra, Mammalia): Anatomy, Histology and Ultrastructure - *Journal of Anatomy* 195: p587-604.
- Carmanchahi PD, Ferrari CC, Aldana Marcos HJ, Affanni JM, Sonez CA, Paz DA** 2000 - Characterisation of Glycoconjugate Sugar Residues in the Vomeronasal Organ of the Armadillo *Chaetophractus villosus* (Mammalia, Xenarthra) - *Journal of Anatomy* 196: p357-370.
- Carregaro AB, Gerardi PM, Honsho DK** 2009 - Allometric Scaling of Chemical Restraint Associated with Inhalant Anesthesia in Giant Anteaters - *Journal of Wildlife Diseases* 45: p547-551.
- Carter AM** 2007 - Animal Models of Human Placentation: A Review - *Placenta 28 Supplement A Trophoblast Research* 21: pS41-47.
- Carter TS, Encarnação CD** 1983- Characteristics and Use of Burrows by Four Species of Armadillos in Brazil - *Journal of Mammalogy* 64: p103-108.
- Cartés JL** 2007 - Patrones de Uso de los Mamíferos del Paraguay: Importancia Sociocultural y Económica p167-186 in Biodiversidad del Paraguay: Una Aproximación a sus Realidades - Fundación Moises Bertoni, Asunción.
- Carvalho RA, Lins-Lainson ZC, Lainson R** 1997 - Breeding Nine-banded Armadillos (*Dasypus novemcinctus*) in Captivity - *Laboratory Animal Science* 36: p66-68.
- Castro EJM, González EM** 2010 - Primera Cita de *Aspidodera fasciata* (Nematoda: Heterakoidea) para Uruguay, Parásito de *Cabassous tatouay* (Cingulata: Dasypodidae) - Primer Congreso Uruguayo de Zoología/X Jornadas de Zoología del Uruguay, 5-10 December, Montevideo, Uruguay: p89.
- Ceresoli N, Jimenez GT, Duque EF** 2003 - Datos Morfométricos de los Armadillos del Complejo Ecológico de Sáenz Peña, Provincia del Chaco, Argentina - *Edentata* 5: p35-37
- Cetica PD, Marcos HJA, Merani MS** 2005 - Morphology of Female Genital Tracts in Dasypodidae (Xenarthra: Mammalia): A Comparative Survey - *Zoomorphology* 124: p57-65.
- Chandler AC** 1946 - Helminths of Armadillos *Dasypus novemcinctus* in Eastern Texas - *Journal of Parasitology* 32: p237-241.
- Cheadle MA, Tanhauser SM, Dame JB, Sellon DC, Hines M, Ginn PE, MacKay RJ, Greiner EC** 2001 - The Nine-banded Armadillo (*Dasypus novemcinctus*) is an Intermediate Host for *Sarcocystis neurona* - *International Journal for Parasitology* 31: p330-335.
- Chebez JC** 2001 - Fauna Misionera - LOLA, Buenos Aires.
- Cherem JJ** 2005 - Registros de Mamíferos Não Voadores em Estudos de Avaliação Ambiental no Sul do Brasil - *Biotemas* 18: p169-202.
- Cherem JJ, Somões-Lopes PC, Althoff S, Graipel ME** 2004 - Lista dos Mamíferos do Estado de Santa Catarina, Sul do Brasil - *Mastozoologia Neotropical* 11: p151-184.
- Chiarello A, Cuéllar E, Meritt D, Porini G, Members of the Edentate Specialist Group** 2006 - *Chaetophractus villosus* in IUCN 2008. 2008 IUCN Red List of Threatened Species Downloaded 4 January 2008.
- Choate JR, Fleharty ED** 1975 - Synopsis of Native, Recent Mammals of Ellis County, Kansas - *Occasional Papers of the Museum of Texas Tech University* 37: p1-80.

- Christensen CG, Waring GH** 1980 - The "Chuck" Sound of the Nine-banded Armadillo (*Dasybus novemcinctus*) - *Journal of Mammalogy* 61: p737-738.
- Cimardi AV** 1996 - Mamíferos de Santa Catarina - FATMA, Florianópolis.
- Clark BM, Murray CK, Horvath LL, Deye GA, Rasnake MS, Longifled RN** 2008 - Case-control Study of Armadillo Contact and Hansen's Disease - *American Journal of Tropical Medicine and Hygiene* 78: p962-967.
- Clark WK** 1951 - Ecological Life History of the Armadillo in the Eastern Edwards Plateau Region - *American Midland Naturalist* 46: p337-358.
- Cockman-Thomas RA, Colleton CA, Gardiner CH, Meyers WM** 1993 - Gnathostomiasis in a Wild-caught Nine-banded Armadillo (*Dasybus novemcinctus*) - *Laboratory Animal Science* 43: p630-632.
- Codón SM, Casanave EB** 2000 - Comparative Morphology of the Ovaries of Three Species of Dasypodidae (Mammalia, Xenarthra) - *Revista Chilena de Anatomía* 18: p251-257.
- Codón SM, Casanave EB** 2009 - Morphology and Histological Annual Changes of the Oviduct of *Chaetophractus villosus* (Mammalia, Xenarthra, Dasypodidae) - *International Journal of Morphology* 27: p355-360.
- Codón SM, Estecondo S, Casanave EB** 2003 - Histological Study of the Salivary Glands in *Dasybus hybridus* (Mammalia, Dasypodidae) - *International Journal of Morphology* 21: p199-204.
- Codón SM, Estecondo SG, Galíndez EJ, Casanave EB** 2001 - Ultrastructure and Morphometry of Ovarian Follicles in the Armadillo *Chaetophractus villosus* (Mammalia, Dasypodidae) - *Brazilian Journal of Biology* 61: p485-496.
- Collevatti RG, Leite KCE, Miranda GHB de, Rodrigues FHG** 2007 - Evidence of High Inbreeding in a Population of the Endangered Giant Anteater *Myrmecophaga tridactyla* (Myrmecophagidae) from Emas National Park - *Genetics and Molecular Biology* 30: p112-120.
- Confessor MVA, Mendonça LET, Mourão JS, Alves RRN** 2009 - Animals to Heal Animals: Ethnoveterinary Practices in Semiarid Region, Northeastern Brazil - *Journal of Ethnobiology and Ethnomedicine* 5: 37.
- Cook RS, Glazener WC, Trainer DO** 1969 - White-tailed Deer, A New Host for *Amblyomma inornatum* - *Bulletin of the Wildlife Disease Association* 5: p108.
- Cope ED** 1889 - On the Mammalia Obtained by the Naturalist Exploring Expedition to Southern Brazil - *American Naturalist* 23: p128-150.
- Cordeiro RA, Brilhante RSL, Rocha MFG, Fachine MAB, Camara LMC, Camargo ZP, Sidrim JJC** 2006 - Phenotypic Characterization and Ecological Features of *Coccidioides* spp. from Northeast Brazil - *Medical Mycology* 44: p631-639.
- Corredor GG, Castaño JH, Peralta LA, Diez S, Arango M, McEwan J, Restrepo A** 1999 - Isolation of *Paracoccidioides brasiliensis* from the Nine-banded Armadillo *Dasybus novemcinctus* in an Endemic Area for Paracoccidioidomycosis in Colombia - *Revista Iberoamericana de Micología* - 16: p216-220.
- Costa FAM da, Coelho Reis, Benevides F, Sousa Tome G de, Alcântara Holanda M** 2001 - Coccidioidomicose Pulmonar em Caçador de Tatus - *Jornal de Pneumologia* 27: p275-278.
- Cowie H** 2011 - Sloth Bones and Anteater Tongues: Collecting American Nature in the Hispanic World (1750-1808) - *Atlantic Studies* 8: p5-27.
- Cuéllar E** 2000 - Automonitoreo de la Cacería de Armadillos en Izozog, Gran Chaco, Bolivia p113-117 in *Cabrera E et al* (ed) Manejo de Fauna Silvestre en Amazonia y Latinoamérica - Fundación Moisés Bertoni, Asunción, Paraguay.
- Cuéllar E** 2001 - The Tatujeikurajoyava (*Chlamyphorus retusus*) in the Izozog Communities of the Bolivian Gran Chaco - *Edentata* 4: p14-15.
- Cuéllar E** 2002 - Census of the Three-banded Armadillo *Tolypeutes matacus* Using Dogs, Southern Chaco, Bolivia - *Mammalia* 66: p448-451.
- Cuéllar E, Noss A** 2003 - Mamíferos del Chaco y de la Chiquitania de Santa Cruz, Bolivia - Editorial FAN, Santa Cruz.
- Cuéllar E, Noss A** 2004 - Mamíferos del Chaco de Santa Cruz, Bolivia - Wildlife Conservation Society, Bolivia.
- Cullen Jr L, Bodmer ER, Valladares-Padua C** 2001 - Ecological Consequences of Hunting in Atlantic Forest Patches, São Paulo, Brazil - *Oryx* 35: p137-144.



- Cunha AM da, Torres CM** 1926 - Sobre um Novo Esporozoario Parasito do Tatú *Globidium tatusi* Cunha et Torres - *Memorias Instituto Oswaldo Cruz* 19: p19-26.
- Cuvier G** 1798 - Tableau Élémentaire de l'Histoire Naturelle des Animaux - Baudouin, Paris.
- Cuvier G** 1817 - Le Règne Animal Distribué d'après son Organisation, pour Servir de Base à l'Histoire Naturelle des Animaux et d'Introduction à l'Anatomie Comparée - Deterville, Paris.
- Czekala NM, Hodges JK, Gause GE, Lasley BL** 1980 - Annual Circulating Testosterone Levels in Captive and Free-ranging Male Armadillos (*Dasybus novemcinctus*) - *Journal of Reproduction and Fertility* 59: p199-204.
- Dalponte JC, Tavares-Filho JA** 2004 - Diet of the Yellow Armadillo *Euphractus sexcinctus* in South-Central Brazil - *Edentata* 6: p37-41.
- Day JF, Storrs EE, Stark LM, Lewis AL, William S** 1995 - Antibodies to St Louis Encephalitis Virus in Armadillos from Southern Florida - *Journal of Wildlife Diseases* 31: p10-14.
- Deem SL, Noss AJ, Fiorello CV, Manharth AL, Robbins RG, Karesh WB** 2009 - Health Assessment of Free-ranging Three-banded (*Tolypeutes matacus*) and Nine-banded (*Dasybus novemcinctus*) Armadillos in the Gran Chaco, Bolivia - *Journal of Zoo and Wildlife Medicine* 40: p245-256.
- Dellinger SC, Black JD** 1940 - Notes on Arkansas Mammals - *Journal of Mammalogy* 21: p187-191.
- De Lucia PM, Cheadle MA, Greiner EC** 2002 - Prevalence of *Sarcocystis* Sarcocysts in Nine-banded Armadillos (*Dasybus novemcinctus*) from Florida - *Veterinary Parasitology* 103: p203-205.
- Deps PD, Azevedo JM, Tomimori-Yamashita J** 2007 - Detection of *Mycobacterium leprae* Infection in Wild Nine-banded Armadillos (*Dasybus novemcinctus*) Using the Rapid ML Flow Test - *Revista da Sociedade Brasileira de Medicina Tropical* 40: p86-87.
- Desbiez ALJ** 2006 - Chasing Behavior in Yellow Armadillos, *Euphractus sexcinctus*, in the Brazilian Pantanal - *Edentata* 7: p51-53.
- Desbiez ALJ, Medri IM** 2010 - Density and Habitat Use by Giant Anteaters (*Myrmecophaga tridactyla*) and Southern Tamanduas (*Tamandua tetradactyla*) in the Pantanal Wetland, Brazil - *Edentata* 11: p4-10.
- Desmarest AG** 1804 - Tableau Méthodique des Mammifères in Nouveau Dictionnaire d'Histoire Naturelle, Appliquée aux Arts, Principalement à l'Agriculture, à l'Économie Rurale et Domestique: Par une Société de Naturalistes et d'Agriculteurs: Avec des Figures Tirées des Trois Règnes de la Nature - Deterville Vol 24, Paris.
- Desmarest AG** 1817 - Fourmilier (*Myrmecophaga* Linn., Briss., Schreb., Cuv., etc.) in Nouveau Dictionnaire d'Histoire Naturelle, Appliquée aux Arts, Principalement à l'Agriculture, à l'Économie Rurale et Domestique: Par une Société de Naturalistes et d'Agriculteurs: Avec des Figures Tirées des Trois Règnes de la Nature - Deterville Vol 17, Paris.
- Desmarest AG** 1822 - Mammalogie ou Description des Espèces de Mammifères Seconde Partie: Contenant les Ordres de Rongeurs, des Édentes, des Pachydermes, des Ruminans et des Cetacés - Veuve Agasse, Paris.
- Díaz MM, Barquez RM** 2002 - Los Mamíferos del Jujuy, Argentina - LOLA, Buenos Aires.
- Diniz LSM, Costa EO, Oliveira PMA** 1995 - Clinical Disorders Observed in Anteaters (Myrmecophagidae: Edentata) in Captivity - *Veterinary Research Communications* 19: p409-415.
- Domeniconi RF, Abreu MAF de, Benetti EJ, Villaçã J de S** 2004 - The Contribution of the Aortic Branches in the Vascularization of the Cervical Regions During the Development of the Nine-banded Armadillo (*Dasybus novemcinctus*, L. 1758) - *International Journal of Morphology* 22: p113-118.
- Dubey JP, Venturini MC, Venturini L, McKinney J, Pecorano M** 1999 - Prevalence of Antibodies to *Sarcocystis neurona*, *Toxoplasma gondii* and *Neospora caninum* in Horses from Argentina - *Veterinary Parasitology* 86 p56-62.
- Dunbar RIM** 1992 - Time: A Hidden Constraint on the Behavioural Ecology of Baboons - *Behavioural Ecology and Sociobiology* 31: p35-49.
- Eberhard ML** 1982 - *Dipetalonema (Dasyapifilaria) averyi* subgen. et sp. n. (Nematoda: Filarioidea) from the Nine-banded Armadillo (*Dasybus novemcinctus*) in Louisiana - *Journal of Parasitology* 68: p325-328.
- Edentate Specialist Group** 2004 - The 2004 Edentate Species Assessment Workshop - *Edentata* 6: p1-26.
- Eichler SE, Gaudin TJ** 2012 - New Records of the Nine-banded Armadillo *Dasybus novemcinctus*, in Southeast Tennessee and Their Implications - *Edentata* 12: p7-13.



- Eisenberg JF, Redford KH** 1999 - Mammals of the Neotropics: Volume 3 The Central Neotropics - University of Chicago Press, Chicago.
- Emmons LH** 1999 - Mamíferos de los Bosques Húmedos de América Tropical - Editorial FAN, Santa Cruz.
- Emmons LH, Flores LP, Alpirre SA, Swarner SJ** 2004 - Bathing Behavior of Giant Anteaters (*Myrmecophaga tridactyla*) - *Edentata* 6: p41-43.
- Encarnação CD da** 1987 - Contribuição à ecologia dos tatus (*Xenarthra*, Dasypodidae) da Serra da Canastra, Minas Gerais - Dissertação (Mestrado em Zoologia), Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro.
- EnLineaDirecta** 14 Abril 2007 - News Report [http://enlineadirecta.info/nota-21777-Un\\_oso\\_hormiguero\\_mata\\_a\\_su\\_cuidadora.html](http://enlineadirecta.info/nota-21777-Un_oso_hormiguero_mata_a_su_cuidadora.html)
- Erxleben JCP** 1777 - Systema Regni Animalis per Classes, Ordines, Genera, Species, Varietates cum Synonymia et Historial Animalium: Classis 1 Mammalia - Weygandianus, Leipzig.
- Esquivel E** 2001 - Mamíferos de la Reserva Natural del Bosque Mbaracayú, Paraguay - Fundación Moises Bertoni, Asunción.
- Estecondo S, Casanave EB** 2010 - Scanning Electron Microscopy Study of the Dorsal Surface of the Tongue in *Dasybus hybridus* (Mammalia, Xenarthra, Dasypodidae) - *International Journal of Morphology* 28: p379-384.
- Estecondo S, Codón SM, Casanave EB** 2001 - Scanning Electron Microscopy Study of the Dorsal Surface of the Tongue in *Chaetophractus vellerosus* (Mammalia, Dasypodidae) - *Revista Chilena de Anatomía* 19: p245-252.
- Estecondo S, Galíndez EJ, Casanave EB** 2000 - Ultraestructura de los Acinos Sudoríparos de las Glándulas Pelvianas de *Chaetophractus villosus* (Mammalia, Dasypodidae) - *Iheringia Serie Zoología* 89: p153-158.
- Eulálio KD, Lima de Macedo R, Cavalcanti M do AS, Soares Martins LM, Santos Lazéra M dos, Wanke B** 2000 - *Coccidioides immitis* Isolated from Armadillos (*Dasybus novemcinctus*) in the State of Piauí, Northeast Brazil - *Mycopathologia* 149: p57-61.
- Evans DE, Martins JR, Guglielmone AA** 2000 - A Review of the Ticks (Acari: Ixodida) of Brazil, Their Hosts and Geographic Distribution 1: The State of Rio Grande do Sul, Southern Brazil - *Memorias do Instituto Oswaldo Cruz* 95: p453-470.
- Ezquiaga MC, Lareschi M, Abba AM, Navone GT** 2008 - Nuevos Registros de Pulgas (Siphonaptera) Parásitas de Dasipódidos (Mammalia: Xenarthra) en el Noroeste de la Provincia de Buenos Aires, Argentina - *Mastozoología Neotropical* 15: 193-196.
- Fain A, Johnston D** 1964 - Notes sur le Genre *Psoralges* Trouessart, 1896 avec Description d'une Espece Nouvelle (Acarina: Sarcoptiformes) - *Bull Ann Soc R Entomolog Belg* 34: p453-461.
- Fallabrino A, Castiñeira E** 2006 - Situación de los Edentados en Uruguay - *Edentata* 7: p1-3.
- Fermin P** 1769 - Description Générale, Historique, Géographique et Physique de la Colonie de Surinam, Contenant ce qu'il y a de plus Curieux & de plus Remarquable, Touchant sa Situation, ses Rivieres, ses Forteresses; son Gouvernement & sa Police; avec les Moeurs & les Usages des Habitants Naturels du País, & des Européens qui y sont Établis; ainsi que des Eclaircissements sur l'Oeconomie Générale des Esclaves Negres, sur les Plantations & leurs Produits, les Arbres Fruitières, les Plantes Médicinales & toutes les Diverses Especies d'Animaux qu'on y Trouve - E. van Harrevelt, Amsterdam.
- Fernandes GF, Deps P, Tomimori-Yamashita J, Camargo ZP** 2004 - IgM and IgG antibody response to *Paracoccidioides brasiliensis* in naturally infected wild armadillos (*Dasybus novemcinctus*) - *Medical Mycology* 42: p363-368.
- Fernandes TN, Young RJ** 2007 - Fluctuations in the Tympanic Membrane Temperatures of Non-restrained Captive Giant Anteaters and Southern Tamanduas - *Journal of Zoology* 274: p94-98.
- Fernández GJ, Reboreda JC** 1995 - Adjacent Nesting and Egg Stealing Between Males of the Greater Rhea *Rhea americana* - *Journal of Avian Biology* 26: p321-324.
- Ferrari CC, Carmanchahi PD, Aldana Marcos HJ, Affanni JM** 2000 - Ultrastructural Characterisation of the Olfactory Mucosa of the Armadillo *Dasybus hybridus* (Dasypodidae, Xenarthra) - *Journal of Anatomy* 196: p269-278.
- Ferrari CC, Carmanchahi PD, Bolkovic ML, Affanni JM** 1997 - Breeding in Captivity of the Southern Lesser Long-nosed Armadillo *Dasybus hybridus* - *Zoocriaderos* 2: p1-5.

- Ferreira FS, Brito SV, Ribeiro SC, Almeida WO, Alves RRN** 2009a - Zootherapeutics Utilised by Residents of the Community Poço Dantas, Crato-CE, Brazil - *Journal of Ethnobiology and Ethnomedicine* 5: 21.
- Ferreira FS, Brito SV, Ribeiro SC, Saraiva AAF, Almeida WO, Alves RRN** 2009b - Animal-based Folk Remedies Sold in Public Markets in Crato and Juazeiro do Norte, Ceará, Brazil - *BMC Complementary and Alternative Medicine* 9: 17.
- Ferreira LF, Araújo A, Confalonieri U, Chame M** 1989 - Acanthocefalan Eggs in Animal Coprolites from Archaeological Sites from Brazil - *Memorias Instituto Oswaldo Cruz* 84: p201-203.
- Filice GA, Greenberg RN, Fraser DW** 1977 - Lack of Observed Association Between Armadillo Contact and Leprosy in Humans - *American Journal of Tropical Medicine and Hygiene* 26: p137-139.
- Fischer G** 1814 - Zoognosia Tabulis Synopticis Illustrata: Volumen Tertium. Quadrupedum Reliquorum, Cetorum et Monotrymatum Descriptionen Continens - Nicolai Sergeidis Vsevolozsky, Mosquae.
- Fisher MC, Koenig GL, White TJ, Taylor JW** 2002 - Molecular and Phenotypic Description of *Coccidioides posadasii* sp. nov. Previously Recognised as the Non-California Population of *Coccidioides immitis* - *Mycologia* 94: p73-84.
- Fitch HS, Goodrum P, Newman C** 1952 - The Armadillo in the Southeastern United States - *Journal of Mammalogy* 33: p21-37.
- Fitzinger LJ** 1860 - Die Ausbeute der Österreichischen Naturforscher an Säugethieren und Reptilien Während der Weltumsegelung Sr. Majestät Fregatte Novarre - *Sitzungsber. Kaiserl. Akad. Wiss. Wien* 42:p383-416.
- Fitzinger LJ** 1871 - Die Natürliche Familie der Gürtheliere (Dasypodes) I Abtheilung - *Sitzungsber. Kaiserl. Akad. Wiss. Wien* 64:p209-276.
- Fonseca F** 1954 - Notas de Acarologia. XXXIX: Sistemática e Filogênese de Psoralgidae Oudemans, Sarcoptiformes Parafagistas de Mamíferos com Morfologia de Acari Plumícolas - *Memorias Instituto Butantan* 26: p93-167.
- Fonseca GAB, Chiarello AG** 2003 - Official List of Brazilian Fauna Threatened with Extinction 2002 - *Edentata* 5: p56-59.
- Fournier-Chambrillon C, Fournier P, Vié JC** 1997 - Immobilization of Wild Collared Anteaters with Ketamine- and Xylazine-Hydrochloride - *Journal of Wildlife Diseases* 33: p795-800.
- Fournier-Chambrillon C, Vogel I, Fournier P, Thoisy P de, Vié JC** 2000 - Immobilization of Free-ranging Nine-banded and Great Long-nosed Armadillos with Anesthetic Combinations - *Journal of Wildlife Diseases* 36: p131-140.
- Fracassi NG, Moyrera PA, Lartigau B, Teta P, Landó R, Pereira JA** 2010 - Nuevas Especies de Mamíferos para el Bajo Delta y Bajíos Ribereños Adyacentes, Buenos Aires, Argentina - *Mastozoología Neotropical* 17: p367-373.
- Freeman PW, Genoways HH** 1998 - Recent Northern Records of the Nine-banded Armadillo (Dasypodidae) in Nebraska - *Southwestern Naturalist* 43: p491-504.
- Frey JK, Stuart JN** 2009 - Nine-banded Armadillo (*Dasypus novemcinctus*) Records in New Mexico, USA - *Edentata* 8-10: p54-55.
- Frutos SD, Van den Bussche RA** 2002 - Genetic Diversity and Gene Flow in Nine-banded Armadillos in Paraguay - *Journal of Mammalogy* 83: p815-823.
- Fujita O, Abe N, Oku Y, Sanabria L, Inchausti A, Kamiya M** 1995 - Nematodes of Armadillos in Paraguay: A Description of a New Species *Aspidodera esperanzae* (Nematoda: Aspidoderidae) - *Journal of Parasitology* 81: p936-941.
- Galíndez EJ, Estecondo S, Casanave EB** 2006 - The Spleen of a Specialty (sic) Adapted Mammal: The Little Hairy Armadillo *Chaetophractus vellerosus* (Xenarthra, Dasypodidae). A Light and Electron Microscopic Study - *International Journal of Morphology* 24: p339-348.
- Gammons DJ, Mengak MT, Conner LM** 2007 - Translocation of Nine-banded Armadillos - *Human-Wildlife Conflicts* 3: p64-71.
- Garcia JE, Vilas Boas LA, Lemos MVF, Macedo Lemos EG de, Contel EPB** 2005 - Identification of Microsatellite DNA Markers for the Giant Anteater *Myrmecophaga tridactyla* - *Journal of Heredity* 96: p600-602.
- Garcia-Robledo C, Kuprewicz EK** 2009 - Vertebrate Fruit Removal and Ant Seed Dispersal in the Neotropical Ginger *Renealmia alpinia* (Zingiberaceae) - *Biotropica* 41: p209-214.

- Gardner AL** 2007 - Mammals of South America Vol 1: Marsupials, Xenarthrans, Shrews and Bats - University of Chicago Press, Chicago.
- Gardner SL, Upton SJ, Lambert CR, Jordan OC** 1991 - Redescription of *Eimeria escomeli* (Rastegaieff, 1930) from *Myrmecophaga tridactyla*, and a first report from Bolivia - *Journal of the Helminthological Society of Washington* 58: p16-18.
- Garla RC, Setz EZF, Gobbi N** 2001 - Jaguar (*Panthera onca*) Food Habits in Atlantic Rainforest of Southeastern Brazil - *Biotropica* 33: p691-696.
- Garrod AH** 1978 - Notes on the Anatomy of *Tolypeutes tricinctus* with Remarks on other Armadillos - *Proceedings of Zoological Society of London* 1878: p222-230.
- Genoways HH, Timm RM** 2003 - The Xenarthrans of Nicaragua - *Mastozoologia Neotropical* 10: p231-253.
- Geoffroy St-Hilaire É** 1803 - Catalogue des Mammifères du Muséum National d'Histoire Naturelle - Paris.
- Geoffroy St.-Hilaire I** 1847 - Note sur le Genre Apar, sur ses Espèces et sur ses Caractères, Établis jusqu'à Présent d'après un Animal Factice - *Rev. Zool. Paris* 10: p135-137.
- Gervais P** 1855 - Histoire Naturelle des Mammifères Vol 2 - L. Curmer, Paris.
- Gmelin JF** 1788 - Caroli a Linné .... Systema Naturae per Regna Tria Naturae Secundum Clases Ordines, Genera, Species cum Characteribus, Differentiis, Synonymis, Locis - Editio Decima Tertia, Aucta, Reformata. Lipsiae: Georg Emanuel Beer.
- Gomes SN, Pesenti TC, Pereira EM, Muller G** 2010 - Helminthofauna Parasitária de *Dasyus novemcinctus* (Xenarthra: Dasypodidae) no Sul do Rio Grande do Sul, Brasil - Primer Congreso Uruguayo de Zoología/X Jornadas de Zoología del Uruguay, 5-10 December, Montevideo, Uruguay: p197.
- Goncalves de Andrade FA, Fernandes MEB, Barros MC, Schneider H** 2006 - A Range Extension for the Yellow Armadillo *Euphractus sexcinctus* Linnaeus, 1758 (Xenarthra, Dasypodidae), in the Eastern Brazilian Amazon - *Edentata* 7: p25-30.
- González EM** 2001 - Guía de Campo de los Mamíferos de Uruguay: Introducción al Estudio de los Mamíferos - Vida Silvestre, Montevideo.
- Grandidier G, Neveu-Lemaire M** 1905 - Description d'une Nouvelle Espèce de Tatou, Type d'un Genre Nouveau *Tohypoïdes bicinctus* - *Bull. Muséum Histoire Naturelle de Paris* 7: p370-372.
- Grandidier G, Neveu-Lemaire M** 1908 - Observations Relatives à Quelques Tatou Rares ou Inconnus Habitant la "Puna" Argentine et Bolivienne - *Bull. Muséum Histoire Naturelle de Paris* 14: p4-7.
- Gray JE** 1843 - List of the Specimens of Mammalia in the Collection of the British Museum - British Museum of Natural History, London.
- Gray JE** 1865 - Revision of the Genera and Species of Entomophagous Edentata, Founded on the Examination of the Specimens in the British Museum - *Proceedings of Zoological Society of London* 1865: p359-386.
- Gray JE** 1869 - Catalogue of Carnivorous, Pachydermatous and Edentate Mammalia in the British Museum - British Museum of Natural History, London.
- Gray JE** 1873 - Hand-list of the Edentate, Thick-skinned and Ruminant Mammals in the British Museum - British Museum of Natural History, London.
- Gray JE** 1874 - On the Short-tailed Armadillo *Muletia septemcincta* - *Proceedings of Zoological Society of London* 1874: p244-246.
- Gregor DH** 1975 - Renal capabilities of an Argentine desert armadillo - *Journal of Mammalogy* 56: p626-632.
- Gregor DH** 1980a - Diet of the Little Hairy Armadillo *Chaetophractus vellerosus* of Northwestern Argentina - *Journal of Mammalogy* 61: p331-334.
- Gregor DH** 1980b - Preliminary Study of Movements of and Home Range of the Armadillo *Chaetophractus vellerosus* - *Journal of Mammalogy* 61: p334-335.
- Green JL** 2009 - Intertooth Variation of Orthodontine Microwear in Armadillos (Cingulata) and Tree Sloths (Pilosa) - *Journal of Mammalogy* 90: p768-778.
- Grimaldi G, Momen H, Naiff RD, McMahan-Pratt D, Barrett TV** 1991 - Characterization and Classification of Leishmanial Parasites from Humans, Wild Mammals and Sand Flies in the Amazon Region of Brazil - *American Journal of Tropical Medicine and Hygiene* 44: p645-661.
- Grzimek B** 2003 - Grzimek's Animal Life Encyclopedia: Mammals - Thomson Gale, Germany.



- Guglielmone AA, Estrada-Peña A, Luciani CA, Mangold AJ, Keirans JE** 2003 - Hosts and Distribution of *Amblyomma auricularium* (Conil 1878) and *Amblyomma pseudoconcolor* Argaño, 1908 (Acari: Ixodidae) - *Experimental and Applied Acarology* 29: p131-139.
- Guglielmone AA, Nava S** 2006 - Las Garrapatas Argentinas del Género *Amblyomma* (Acari: Ixodidae): Distribución y Hospedadores - *RLA* 35: p133-153.
- Hahn DE** 1966 - The Nine-banded Armadillo in Colorado - *Southwestern Naturalist* 11: p303.
- Hamilton WJ** 1946 - The Black Persimmon as a Summer Food of the Texas Armadillo - *Journal of Mammalogy* 27: p175.
- Hamlett GWD** 1939 - Identity of *Dasytus septemcinctus* Linnaeus with Notes on Some Related Species - *Journal of Mammalogy* 20: p328-336.
- Hanazaki N, Alves RRN, Begossi A** 2009 - Hunting and Use of Terrestrial Fauna Used by Caiçaras from the Atlantic Forest Coast (Brazil) - *Journal of Ethnobiology and Ethnomedicine* 5: 36.
- Handley Jr CO** 1966 - Checklist of the Mammals of Panama p753-795 in *Wenzel RL, Tipton VJ* eds Ectoparasites of Panama - Field Museum of Natural History, Chicago.
- Hass A, Rodrigues FHG, Oliveria TG de** 2003 - The Yellow Armadillo, *Euphractus sexcinctus*, in the North/Northeastern Brazilian Coast - *Edentata* 5: p46-47.
- Hay MA, Bellem AC, Brown JL, Goodrowe KL** 1994 - Reproductive Patterns in Tamandua (*Tamandua tetradactyla*) - *Journal of Zoo and Wildlife Medicine* 25: p248-258.
- Haynes JF, Enders AC** 1961 - The Composition of the Anal Glands of *Dasytus novemcinctus* - *American Journal of Anatomy* 108: p295-301.
- Hebeler-Barbosa F, Montenegro MR, Bagagli E** 2003 - Virulence Profiles of Ten *Paracoccidioides brasiliensis* Isolates Obtained from Armadillos (*Dasytus novemcinctus*) - *Medical Mycology* 41: p89-96.
- Hendricks LJ** 1963 - Observations of Armadillo in East-central New Mexico - *Journal of Mammalogy* 44: p581.
- Henning WL** 1980 - Armadillo Found in Rhea County, Tennessee - *Journal of the Tennessee Academy of Science* 55: p130.
- Hensel R** 1872 - Beiträge zue Kenntniss der Säugethiere Süd-Brasiliens - *Abhandl. König. Akad. Wiss. Berlin* 1872: p1-130.
- Hernández MB, Saad S, Casanave E, Fernández FM, Uhart M, Vila A** 2001 - Presencia de Polímeros de Caseínas en Mamíferos - *Mastozoología Neotropical* 8: p15-20.
- Hill RV** 2006 - Comparative Anatomy and Histology of Xenarthran Osteoderms - *Journal of Morphology* 267: p1441-1460.
- Hoffmann JE** 2009 - Records of Nine-banded Armadillos *Dasytus novemcinctus* in Illinois - *Transactions of the Illinois State Academy of Sciences* 102.
- Hoppe EGL, Araújo de Lima RC, Tebaldi JH, Athayde ACR, Nascimento AA** 2009 - Helminthological Records of Six-banded Armadillos *Euphractus sexcinctus* (Linnaeus, 1758) from the Brazilian Semi-arid Region, Patos County, Paraíba State, Including New Morphological Data on *Trichobelix tuberculata* (Parona & Stossich, 1901) Ortlepp, 1922 and Proposal of *Hadrostrongylus ransomi* nov.comb. - *Brazilian Journal of Biology* 69: p423-428.
- Huchon, Delsuc F, Catzeflis FM, Douzery EJP** 1999 - Armadillos Exhibit Less Genetic Polymorphism in North America than in South America: Nuclear and Mitochondrial DNA Confirm a Founder Effect in *Dasytus novemcinctus* (Xenarthra) - *Molecular Ecology* 8: p1743-1748.
- Humphrey SR** 1974 - Zoogeography of the Nine-banded Armadillo *Dasytus novemcinctus* in the United States - *Bioscience* 24: p457-462.
- Illiger JKW** 1815 - Ueberblick der Säugthiere nach Ihrer Vertheilung Über die Welttheile - *Abhandl. König. Akad. Wiss. Berlin* 1804-18811: p39-159.
- Inbar M, Mayer RT** 1999 - Spatio-temporal Trends in Armadillo Diurnal Activity and Road-kills in Central Florida - *Wildlife Society Bulletin* 27: p865-872.
- Innami S** 1978 - The Study of the Armadillo in Paraguay - Pan American Health Organization, Washington DC p89-95.
- Jacinto Perreira Jr HR, Jorge W, Teixeira da Costa MEL** 2004 - Chromosome Study of Anteaters (Myrmecophagidae, Xenarthra): A Preliminary Report - *Genetics and Molecular Biology* 27: p391-394.



- Jacintho PJHR, Santiloni V, Rosa PS, Silveira da Mota LSL, Jorge W** 2009 - The Karyotype of *Cabassous unicinctus* (Dasypodidae: Xenarthra) - *Caryologia* 62: p24-29.
- Jacobs J** 1979 - Behavior and Space Usage Patterns of the Nine-banded Armadillo (*Dasypus novemcinctus*) in Southwestern Mississippi - MS Thesis, Cornell University, Ithaca, New York.
- Jenkins FA** 1970 - Anatomy and Functions of Expanded Ribs in Certain Edentates and Primates - *Journal of Mammalogy* 51: p288-301.
- Jentink FA** 1888 - Catalogue Systématique des Mammifères (Édentés) - *Mus. Hist. Nat. Pays-Bas, Leiden* 12: p211-215.
- Jerez S del V, Halloy M** 2003 - El Oso Hormiguero *Myrmecophaga tridactyla*: Crecimiento e Independización de una Cria - *Mastozoología Neotropical* 10: p323-330.
- Jimenez-Ruiz FA, Gardner SL** 2003 - Aspidoderid Nematodes from Bolivian Armadillos, with the Description of a New Species of *Lauroia* (Heterakoidea: Aspidoderidae) - *Journal of Parasitology* 89: p978-983.
- Jimenez-Ruiz FA, Gardner SL, Varela-Stokes AS** 2006 - Aspidoderidae from North America, with the Description of a New Species of *Aspidodera* (Nematoda: Heterakoidea) - *Journal of Parasitology* 92: p847-854.
- Jimeno GP** 2003 - Crianza Artificial y Manejo Reproductivo de los Tamandua *Tamandua tetradactyla* en el Jardín Zoológico de Rosario, Argentina - *Edentata* 5: p25-28.
- Jimeno GP, Amaya LL** 2009 - Contribución al Conocimiento de la Distribución del Oso Hormiguero Gigante *Myrmecophaga tridactyla* en Argentina - *Edentata* 8-10: p8-12.
- Jones ML** 1982 - Longevity of Captive Mammals - *Zool. Garten* 52: p113-128.
- Julia JP, Richard E, Samaniego J** 1994 - Nota Sobre la Distribución Geográfica del Oso Melero (*Tamandua tetradactyla*, Xenarthra, Myrmecophagidae) en el Noroeste Argentino - *Notulas Faunísticas 1a Serie* 66: p1-4.
- Kalmbach ER** 1944 - The Armadillo: Its Relation to Agriculture and Game - Game, Fish and Oyster Commission, Austin, Texas.
- Kelly DA** 1997 - Axial Orthogonal Fiber Reinforcement in the Penis of the Nine-banded Armadillo (*Dasypus novemcinctus*) - *Journal of Morphology* 233: p249-255.
- Kelly DA** 1999 - Expansion of the Tunica Albuginea During Penile Inflation in the Nine-banded Armadillo (*Dasypus novemcinctus*) - *Journal of Experimental Biology* 202: p253-265.
- Kerr R** 1792 - The Animal Kingdom or Zoological System of the Celebrated Sir Charles Linnaeus. Class I. Mammalia: Containing a Complete Systematic Description, Arrangement and Nomenclature of all the Known Species and Varieties of the Mammalia, or Animals which give Suck to their Young; Being a Translation of that Part of the Systema Naturae as Lately Published with Great Improvements by Professor Gmelin of Goettingen. Together with Numerous Additions from more Recent Zoological Writers and Illustrated with Copperplates - A. Strahan, T Cadell & W Creech, Edinburgh.
- Kinlaw AE** 2006 - Burrow Dispersion of Central Florida Armadillos - *Southeastern Naturalist* 5: p523-534.
- Kirchheimer WF, Storrs EE** 1971 - Attempts to Establish the Armadillo (*Dasypus novemcinctus* Linn.) as a Model for the Study of Leprosy. I. Report of Lepromatoid Leprosy in an Experimentally Infected Armadillo - *International Journal of Leprosy and Other Mycobacterial Diseases* 39: p693-702.
- Komar O, Hanks CK** 2002 - Fan-tailed Warbler Foraging with Nine-banded Armadillo - *Wilson Bulletin* 114: p526-528.
- Koster JM** 2006 - Giant Anteaters (*Myrmecophaga tridactyla*) Killed by Hunters with Dogs in the Bosawas Biosphere Reserve, Nicaragua - *Southwestern Naturalist* 53: p414-416.
- Krauss F** 1862 - Ueber ein Neues Gürtelthier aus Surinam - *Arch. Naturgesch.* 28: p19-34.
- Kreutz K, Fischer F, Linsemair KE** 2009 - Observations of Intraspecific Aggression in Giant Anteaters *Myrmecophaga tridactyla* - *Edentata* 8-10: p6-7.
- Krumbiegel I** 1940 - Die Säugthiere der Südamerika Expeditionen Prof. Dr. Kriegs 1. Gürteltiere. *Zool. Anz.* 131: p49-73.
- Kuntz RE, Moore JA, Huang T** 1975 - Miscellaneous Mammals (*Dasypus novemcinctus*, *Myocastor coypus*, *Procyon lotor* and *Bassaricus astutus*) as Hosts for *Schistosoma haematobium* (Iran) - *Proceedings of the Oklahoma Academy of Science* 55: p143-146.

- Kusuda S, Endoh T, Tanaka H, Adachi I, Doi O, Kimura J** 2011 - Relationship Between Gonadal Steroid Hormones and Vulvar Bleeding in Southern Tamandua *Tamandua tetradactyla* - *Zoo Biology* 30: p212-217.
- Lacépède BGE de la V** 1802 - Tableau des Divisions, Sous-divisions, Ordres et Genres de Mammifères, Par le C<sup>en</sup> Lacépède; Avec l'Indication de Toutes les Espèces Décrites par Buffon, et leur Distribution dans Chacun des Genres par FM Daudin p143-195 in *Lacépède BGE de la V Histoire Naturelle par Buffon* - P Didot et Firmin Didot, Paris.
- Labruna MB, Paula CB, Lima TF, Sana DA** 2002 - Ticks (Acari: Ixodidae) on Wild Animals from the Porto-Primavera Hydroelectric Power Station Area, Brazil - *Memorias Instituto Oswaldo Cruz* 97: p1133-1136.
- Lacerda ACR, Tomas WM, Marinho-Filho J** 2009 - Domestic Dogs as an Edge Effect in the Brasília National Park, Brazil: Interactions with Native Animals - *Animal Conservation* 12: p477-487.
- Lahille** 1899 - Ensayo sobre la Distribución Geográfica de los Mamíferos en la República Argentina - *Primera Reunion Congreso Científica Latino America, Buenos Aires* 3: p165-206.
- Lainson R, Shaw JJ** 1990 - Coccidia of Brazilian mammals: *Eimeria corticulata* n. sp. (Apicomplexa: Eimeriidae) from the Anteater *Tamandua tetradactyla* (Xenarthra: Myrmecophagidae) and *Eimeria zygodontomyis* n. sp. from the Cane Mouse *Zygodontomys lasiurus* (Rodentia: Cricetidae) - *Journal of Protozoology* 37: p51-54.
- Lainson R, Shaw JJ** 1991 - Coccidia of Brazilian Mammals: *Eimeria marajoensis* n. sp. (Apicomplexa: Eimeriidae) from the Anteater, *Tamandua tetradactyla* (Xenarthra: Myrmecophagidae) - *Journal of Protozoology* 38: p28-30.
- Larrañaga DA** 1923 - Escritos - Instituto Histórico y Geográfico del Uruguay, Montevideo.
- Layne JN, Waggener AM** 1984 - Above-ground Nests of the Nine-banded Armadillo in Florida - *Florida Field Naturalist* 12: p58-61.
- Leal KPG, Batiata IR, Santiago FL, Costa CG, Câmara EMVC** 2008 - Mamíferos Registrados em Três Unidades de Conservação na Serra do Espinhaço: Parque Nacional da Serra do Cipó, Parque Nacional das Sempre Vivas e Parque Estadual da Serra do Rola-Moça - *Sinapse Ambiental* 5: p40-50.
- Leeuwenberg F** 1997 - Edentata as a Food Resource: Subsistence Hunting by Xavante Indians, Brazil - *Edentata* 3: p4-5.
- Leiva M, Marques MC** 2010 - Dados Reprodutivos da População Cativeira de Tamanduá-Bandeira (*Myrmecophaga tridactyla* Linnaeus, 1758) da Fundação Parque Zoológico de São Paulo - *Edentata* 11: p49-52.
- Lent H, Freitas JF** 1942 - Contribuição ao Conhecimento dos Filarídeos de Dasipodídeos - *Revista Brasileira de Biologia* 2: p275-280.
- Lesson RP** 1827 - Manuel de Mammalogie ou Histoire Naturelle des Mammifères - Roret, Paris.
- Levey DJ** 1999 - Foraging Ovenbird Follows Armadillo - *Wilson Bulletin* 111: p443-444.
- Levine ND** 1984 - Nomenclatural Corrections and New Taxa in the Apicomplexan Protozoa - *Transactions of the American Microscopical Society* 103: p195-204.
- Liais E** 1872 - Climats, Géologie, Faune et Géographie Botanique du Brésil - Garnier Frères, Paris.
- Lichtenstein H** 1818 - Die Werke von Marcgrave und Piso Über die Naturgeschichte Brasiliens, Erläutert aus den Wieder Aufgefundenen Originalseichnungen - *Abhandl. Akad. Wiss. Berlin* 1814-1815: p201-222.
- Lima EM de, Muniz I da CM, Ohana JAB, Silva e Sousa Junior J de** 2009 - Ocorrência de *Euphractus sexcinctus* (Xenarthra: Dasypodidae) na Região do Médio Rio Amazonas - *Edentata* 8-10: p58-60.
- Linardi PC, Guimarães LR** 2000 - Sifonápteros do Brasil - Museu de Zoologia da USP, São Paulo.
- Linnaeus C** 1758 - Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species cum Characteribus, Differentiis, Synonymis, Locis. Editio Decima. - Laurentii Salvii, Holmiae.
- Linnaeus C** 1766 - Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species cum Characteribus, Differentiis, Synonymis, Locis. Editio Duodecima - Laurentii Salvii, Holmiae.
- Lombardo de Barros CS, de Barros SS, Dos Santos MN** 1986 - Equine Protozoal Myeloencephalitis in southern Brazil - *Vet. Rec.* 119: p283-284.
- Long JL** 2003 - Introduced Mammals of the World: Their History, Distribution and Influence - CSIRO, Collingwood.
- Lönnberg E** 1942 - Notes on *Xenarthra* from Brazil and Bolivia - *Arkiv. Zool. Stockholm* 39A: p1-58.

- Lorenzutti R, Almeida AP de** 2006 - A Coleção de Mamíferos do Museu Elías Lorenzutti em Linhares, Estado do Espírito Santo, Brasil - *Boletim do Museu de Biologia Mello Leitão* 19: p59-74.
- Loughry WJ, McDonough CM** 1994 - Scent Discrimination by Infant Nine-banded Armadillos - *Mammalogy* 75: p1033-1039.
- Loughry WJ, McDonough CM** 1996 - Are Road Kills Valid Indicators of Armadillo Population Structure? - *American Midland Naturalist* 135: p53-59.
- Loughry WJ, McDonough CM** 1997 - Survey of the Xenarthrans Inhabiting Poço das Antas Biological Reserve - *Edentata* 3: p5-7.
- Loughry WJ, McDonough CM** 1998 - Spatial Patterns in a Population of Nine-banded Armadillos (*Dasybus novemcinctus*) - *American Midland Naturalist* 140: p161-169.
- Loughry WJ, McDonough CM** 2001 - Natal Recruitment and Adult Retention in a Population of Nine-banded Armadillos - *Acta Theriologica* 46: p393-406.
- Loughry WJ, McDonough CM** 2002 - Phenotypic Variability Within and Between Litters of Nine-banded Armadillos - *Southeastern Naturalist* 1: p287-298.
- Loughry WJ, McDonough CM, Robertson EG** 2002 - Patterns of Anatomical Damage in a Population of Nine-banded Armadillos *Dasybus novemcinctus* (Xenarthra: Dasypodidae) - *Mammalia* 66: p111-122.
- Loughry WJ, Prodöhl PA, McDonough CM, Avise JC** 1998 - Polyembryony in Armadillos - *American Scientist* 86: p274-279.
- Loughry WJ, Truman RW, McDonough CM, Tilak MK, Garnier S, Delsuc F** 2009 - Is Leprosy Spreading Among Nine-banded Armadillos in the Southeastern United States - *Journal of Wildlife Diseases* 45: p144-152.
- Lowery GH Jr** 1936 - A Preliminary Report on the Distribution of Mammals in Louisiana - *Proceedings of the Louisiana Academy of Sciences* 3: p11-39.
- Lowery GH Jr** 1974 - The Mammals of Louisiana and its Adjacent Waters - Louisiana State University Press, Baton Rouge, 565p.
- Lund PW** 1839 - Blik paa Brasiliens Dyreverden för Sidste Jordomvaeltning - *K. Danske Videnske. Selskabs Nat. Math. Afhandl.* 8:p27-144.
- Lund PW** 1841 - Pattedyrene - *K. Danske Vidensk Selskabs Naturv. Nath. Afjhandl.* 2:p1-82.
- Lund PW** 1843 - Conspectum Dasypodum - *K. Danske Videnske. Selskabs Nat. Math. Afhandl.* 11:LXXXII-LXXXVI.
- Lyon MW Jr** 1906 - Description of a New Species of Great Anteater from Central America - *Proceedings US National Museum* 31: p569-571.
- Macalister Prof.** 1874 - Head of *Taenia tetragonocephalus* Exhibited - *Proceedings of Dublin Microscopical Club* 22nd January 1874 p317.
- MacDonald D** 1985 - The Encyclopedia of Mammals Volume 2 - Guild Publishing, Oxford.
- Machida H, Giacometti L, Perkins E** 1966 - The Skin of the Lesser Anteater (*Tamandua tetradactyla*) - *Journal of Mammalogy* 47: p280-286.
- Machicote M, Branch LC, Villareal D** 2004 - Burrowing Owls and Burrowing Mammals: Are Ecosystem Engineers Interchangeable as Facilitators? - *Oikos* 106: p527-535.
- Maffei L** 2006 - Extension of the Distribution of *Cabassous unicinctus* in Santa Cruz, Bolivia - *Edentata* 7: p53-54.
- Marcili A, Lima L, Valente VC, Valente SA, Batista JS, Junqueira JCV, Souza AI, da Rosa JA, Campaner M, Lewis MD, Llewellyn MA, Miles MA, Teixeira MMG** 2009 - Comparative Phylogeography of *Trypanosoma cruzi* TCIIC: New Hosts, Associations with Terrestrial Ecotopes and Spatial Clustering - *Infection, Genetics and Evolution* 9: p1265-1274.
- Marker C, Superina M, Brosius J, Douzery EJP, Schmitz J** 2007 - Retroposed Elements and Their Flanking Regions Resolve the Evolutionary History of Xenarthran Mammals (Armadillos, Anteaters and Sloths) - *Molecular Biology and Evolution* 24: p2573-2582.
- Martínez FA, Troiano JC, Gauna Añasco LG, Antonchuk LA, Arzuaga S, Jara D** 2001 - *Amblyomma cajenense* (Acarina, Ixodidae) en *Tamandua tetradactyla* (Oso melero o Tamandua) - *UNNE Comunicaciones Científicas y Tecnológicas Ciencias Veterinarias* 8: p1-3.
- Martínez FA, Troiano JC, Gauna Añasco L, Juega Sicardi JA, Duchene A, Solis G, Arzuaga S, Nuñez S, Stancato MR, Fescina N, Jara D** 1999 - Presencia de *Mathevoaenia* sp. en Edentatos



- (Mammalia: Dasypodidae y Mirmecophagidae) (sic) - *UNNE Comunicaciones Científicas y Tecnológicas Ciencias Veterinarias* 15: p1-3.
- Martins JM, Medri IM, Oliveira CM, Guglielmone A** 2004 - Ocorrência de Carrapatos em Tamanduá-bandeira (*Myrmecophaga tridactyla*) e Tamanduá-mirim (*Tamandua tetradactyla*) na Região do Pantanal Sul Mato-Grossense, Brasil - *Ciência Rural* 34: p293-295.
- Martins R, Quadros J, Mazzoli M** 2008 - Hábito Alimentar e Interferência Antrópica na Atividade de Marcação Territorial do *Puma concolor* e *Leopardus pardalis* (Carnivora: Felidae) e Outros Carnívoros na Estação Ecológica de Juréia. Itatins, São Paulo, Brasil - *Revista Brasileira de Zoologia* 25: p427-435.
- Masi Pallares R** 1970 - Contribución a Filarídeos Observados en el Paraguay, la Dipetalonema anticlava (Molin, 1858) - *Revista Paraguaya de Microbiología* 5: p27-34.
- Matschie P** 1894 - Die von Herrn Paul Neumann in Argentinien Gesammelten und Beobachten Säugethiere - *Sitzungsber. Gesells. Naturf. Freunde Berlin* 1894: p57-64.
- Mauri R, Navone GT** 1993 - Ectoparasitos (Siphonoptera y Acari) más Comunes en Dasypodidae (Mammalia: Xenarthra) de la Republica Argentina - *Revista de la Sociedad Entomológica de Argentina* 52: p121-122.
- Mazza S, Anderson C** 1925 - Filarídeos en el Peritoneo (*Acanthocheilonema tatusi* n. sp.) y Microfilarías en la Sangre de la 'Mulita' (*Tatus hybridus*) - *Prensa Médica Argentina* 12: p761-765.
- Mazza S, Romaña C, Fiora A** 1932 - Algunos Hemoparasitos de Mamíferos del Norte - *Séptima Reunión de la Sociedad Argentina de Patología Regional del Norte, Tucumán*, p990-997.
- McAdam DW, Way JS** 1967 - Olfactory Discrimination in the Giant Anteater - *Nature* 214: p316-317.
- McBee K, Baker RJ** 1982 - *Dasybus novemcinctus* - *Mammalian Species* 162: p1-9.
- McCain CM** 2001 - First Evidence of the Giant Anteater (*Myrmecophaga tridactyla*) in Honduras - *Southwestern Naturalist* 46: p252-254.
- McCusker JS** 1977 - The Nine-banded Armadillo *Dasybus novemcinctus* in North Central Texas with Emphasis on the Reproductive Biology of the Male - MS Thesis, Texas Christian University, Fort Worth p1-35.
- McDonough CM** 1994 - Determinants of Aggression in Nine-banded Armadillos - *Journal of Mammalogy* 75: p189-198.
- McDonough CM** 1997 - Pairing Behavior of the Nine-banded Armadillo (*Dasybus novemcinctus*) - *American Midland Naturalist* 138: p290-298.
- McDonough CM** 2000 - Social Organisation of Nine-banded Armadillos (*Dasybus novemcinctus*) in a Riparian Habitat - *American Midland Naturalist* 144: p139-151.
- McDonough CM, Lockhart JM, Loughry WJ** 2007 - Population Dynamics of Nine-banded Armadillos: Insights from a Removal Experiment - *Southeastern Naturalist* 6: p381-392.
- McDonough CM, Loughry WJ** 1995 - Influences on Vigilance in Nine-banded Armadillo - *Ethology* 100: p50-60.
- McDonough CM, Loughry WJ** 1997 - Patterns of Mortality in a Population of Nine-banded Armadillos *Dasybus novemcinctus* - *American Midland Naturalist* 138: p299-305.
- McDonough CM, Loughry WJ** 2005 - Impacts of Land Management Practices on a Population of Nine-banded Armadillos in Northern Florida - *Wildlife Society Bulletin* 33: p1198-1209.
- McDonough CM, McPhee SA, Loughry WJ** 1998 - Growth Rates of Juvenile Nine-banded Armadillos - *Southwestern Naturalist* 43: p462-468.
- McMurtrie H** 1831 - The Animal Kingdom Arranged in Conformity with its Organization by the Baron Cuvier ... The Crustacea, Arachnida and Insecta by PA Latreille .... - G & C & H Carvill, New York.
- Medina R** 1966 - Leishmaniasis Experimental en Animales Silvestres - *Dermatologia Venezolana* 7: p91-119.
- Medri IM, Mourão GM** 2005 - A Brief Note on the Sleeping Habits of the Giant Anteater *Myrmecophaga tridactyla* (Xenarthra, Myrmecophagidae) - *Revista Brasileira de Zoologia* 22: p1213-1215.
- Medri IM, Mourão GM** 2005b - Home Range of Giant Anteaters (*Myrmecophaga tridactyla*) in the Pantanal Wetland, Brazil - *Zoology* 266: p365-375.
- Medri IM, Mourão GM, Harada AY** 2003 - Dieta de Tamandua-Bandeira *Myrmecophaga tridactyla* no Pantanal da Nhecolândia, Brasil - *Edentata* 5: p29-34.
- Medri IM, Mourão G, Marinho-Filho J** 2009 - Morfometría de Tatu-Peba *Euphractus sexcinctus* (Linnaeus, 1758) no Pantanal da Nhecolândia, MS - *Edentata* 8-10: p35-40.



- Mercolli C, Yanosky AA** 2001 - Greater Rhea Predation in the Eastern Chaco of Argentina - *Ararajuba* 9: p139-141.
- Merriam DF** 2002 - The Armadillo [*Dasybus novemcinctus* (Linnaeus)] Invasion of Kansas - *Transactions of the Kansas Academy of Science* 105: p44-50.
- Merritt DA** 1975 - The Lesser Anteater *Tamandua tetradactyla* in Captivity - *International Zoo Yearbook* 15: p41-44.
- Merritt DA** 1976 - The La Plata Three-banded Armadillo *Tohypteus matacus* in Captivity - *International Zoo Yearbook* 16: p153-155.
- Merritt DA** 1985 - Naked-tailed Armadillos *Cabassous* sp. p389-391 in GG Montgomery (ed) Evolution and Ecology of Sloths, Armadillos and Vermilinguas - Smithsonian Institution Press, Washington DC.
- Merritt DA** 2006 - Research Questions on the Behavior and Ecology of the Giant Armadillo (*Priodontes maximus*) - *Edentata* 7: p23-25.
- Merritt D** 2008 - Xenarthrans of the Paraguayan Chaco p294-299 in Vizcaino SF, Loughry WJ The Biology of the Xenarthra - University Press of Florida.
- Miller GS** 1899 - Notes on the Naked-tailed Armadillos - *Proceedings of Biological Society of Washington* 13: p1-8.
- Milne-Edwards A** 1872 - Note sur une Nouvelle Espèce de Tatou a Cuirasse Incomplète (*Scleropleura brueti*) - *Nouvelle Arch. Muséum de Histoire Naturelle de Paris* 7: p177-179.
- Mimori T, Grimaldi Jr G, Kreutzer RD, Gomez EA, McMahon-Pratt D, Tesh RB, Hashiguchi Y** 1989 - Identification Using Isoenzyme Electrophoresis and Monoclonal Antibodies of *Leishmania* Isolated from Humans and Wild Animals of Ecuador - *American Journal of Tropical Medicine and Hygiene* 40: p154-158.
- Miranda FR, Teixeira RHF, Gazêta GS, Serra-Freire NM, Amorim M** 2010 - Presence of *Amblyomma cajennense* in Wild Giant Armadillos (*Priodontes maximus*) of the Pantanal Matogrossense, Brazil - *Edentata* 11: p73-75.
- Miranda GHB de, Tomás WM, Valladares-Pádua CB, Rodrigues FHG** 2006 - Giant Anteater (*Myrmecophaga tridactyla*) Population Survey in Emas National Park, Brazil: A Proposed Monitoring Program - *Endangered Species UPDATE* 23: p96-103.
- Mirando-Ribeiro A** 1914 - Mamíferos- Cebidae, Hapalidae, Vespertilionidae, Emballonuridae, Phyllostomatidae, Felidae, Mustelidae, Canidae, Procyonidae, Tapyridae, Suidae, Cervidae, Sciuridae, Muridae, Octodontidae, Coenduidae, Dasyproctidae, Caviidae e Leporidae; Platanistidae; Bradypodidae, Myrmecophagidae, Dasypodidae, Didelphyidae - Comissão de Linhas Telegraficas Estrategicas de Matto-Grosso ao Amazonas, Anexo 5.
- Moeller W** 1968 - Allometrische Analyse der Gürteltierschädel ein Beitrag zur Phylogenie der Dasypodidae Bonaparte, 1838 - *Zool. Jahrb. Anat.* 85: p411-528.
- Molin R** 1858 - Versuch einer Monographie der Filarien - *Sitzungsberichte der K. Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Classe* 28: p365-461.
- Molina GI** 1782 - Saggio sulla Storia Naturale del Chili - Stamperia di S.Tommaso d'Aquino, Bologna.
- Möller-Krull M, Delsuc F, Churakov G, Molina GI** 2007 - Retroposed Elements and their Flanking Regions Resolve the Evolutionary History of Xenarthran Mammals (Armadillos, Anteaters, and Sloths) - *Molecular Biology and Evolution* 24:2573-82.
- Monguillot JC, Miatello R** 2009 - Presencia de *Cabassous chacoensis* en el Parque Nacional Talampaya, La Rioja, Argentina - *Edentata* 8-10: p56-57.
- Monot M, Honore N, Garnier T** 2005 - On the Origin of Leprosy - *Science* 308: p1040-1042.
- Montgomery GG** 1985 - Impact of Vermilinguas (*Cyclopes*, *Tamandua*: Xenarthra = Edentata) on Arboreal Ant Populations p351-363 in Montgomery GG (ed.) The Evolution and Ecology of Armadillos, Sloths and Vermilinguas - Smithsonian Institution Press, Washington DC.
- Morales MA** 2007 - Diversidad de mamíferos en Paraguay. Pp. 133-149 in: Biodiversidad del Paraguay, Una Aproximación a sus Realidades (D.A. Salas-Dueñas and J.F. Facetti, eds.) - Fundación Moises Bertoni, USAID, GEF/BM, Asunción, Paraguay.
- Morando M, Polop JJ** 1997 - Annotated Checklist of the Mammals of Cordoba Province, Argentina - *Mastozoologia Neotropical* 4: p129-136.
- Moreira CA** 1955 - Notas Sôbre a Evolução do Virus Vacínico em Animais Silvestres da Fauna Brasileira - *Memorias Instituto Oswaldo Cruz* 54: p93-94.

- Moreira DO, Coutinho BR, Mendes SL** 2008 - O Status do Conhecimento Sobre a Fauna de Mamíferos do Espírito Santo Baseado em Registros de Museus e Literatura Científica - *Biota Neotropica* 8: p163-173.
- Moreno R** 2008 - Información Preliminar Sobre la Dieta de Jaguares y Pumas en Cana, PN Darién, Panamá - *Tecnociencia* 10: p115-126.
- Morgan RE, Loughry WJ** 2009 - Consequences of Exposure to Leprosy in a Population of Wild Nine-banded Armadillos - *Journal of Mammalogy* 90: p1363-1369.
- Mourão G, Medri ÍM** 2002 - A New Way of Using Inexpensive Large-scale Assembled GPS to Monitor Giant Anteaters in Short Time Intervals - *Wildlife Society Bulletin* 30: p1029-1032.
- Mourão G, Medri ÍM** 2007 - Activity of a Specialised Insectivorous Mammal (*Myrmecophaga tridactyla*) in the Pantanal of Brazil - *Zoology* 271: p187-192.
- Munoz-Rivas G** 1978 - Notes on Granulomatosis in Armadillos Inoculated with *M. leprae*. The Armadillo as an Experimental Model in Biomedical Research - Pan American Health Organization, Washington DC p99-102.
- Myers P, Espinosa R, Parr CS, Jones T, Hammond GS, Dewey A** 2006 - The Animal Diversity Web (online). Accessed December 2007.
- Myers P, Wetzel RM** 1979 - New Records of Mammals from Paraguay - *Journal of Mammalogy* 60: p638-641.
- Naiff RD, Barrett TV, Naiff M de F, Ferreira LC de L, Arias JR** 1996 - New Records of *Histoplasma capsulatum* from Wild Animals in the Brazilian Amazon - *Revista Instituto de Medicina Trop, São Paulo* 38: p273-277.
- Naiff RD, Freitas RA, Naiff MF, Arias JR, Barrett TV, Momen H, Grimaldi Jr G** 1991 - Epidemiological and Nosological Aspects of *Leishmania naiffi* Lainson & Shaw 1989 - *Memorias Instituto Oswaldo Cruz, Rio de Janeiro* 86: p317-321.
- Naughton-Treves L, Mena JL, Treves A, Alvarez N, Radeloff VC** 2003 - Wildlife Survival Beyond Park Boundaries: The Impact of Slash-and-Burn Agriculture and Hunting on Mammals in Tambopata, Peru - *Conservation Biology* 17: p1106-1117.
- Nava S, Lareschi M, Rebollo C, Benítez Usher C, Beati L, Robbins RG, Durden LA, Mangold AJ, Guglielmone AA** 2007 - The Ticks (Acari: Ixodida: Argasidae, Ixodidae) of Paraguay - *Annals of Tropical Medicine and Parasitology* 101: p255-270.
- Navone GT** 1990 - Estudio de la Distribución, Porcentaje y Microecología de los Parásitos de Algunas Especies de Edentados Argentinos - *Studies in Neotropical Fauna and Environment* 25: p199-210.
- Navone GT, Ezquiaga MC, Notarnicola J, Jiménez FA** 2010 - A New Species of *Cyclobulura* (Nematoda: Subuluridae) from *Zaedyus pichiy* and *Chaetophractus vellerosus* (Xenarthra: Dasypodidae) in Argentina - *Journal of Parasitology* 96: p1191-1196.
- Nellar MM, Chebez JC, Nigro NA** 2008 - Hallazgo del Cabasú Chaqueño *Cabassous chacoensis* Wetzel 1980 en la Provincia de San Luis y Datos Sobre su Distribución - *Notulas Faunísticas 2da Serie* 25: p1-4.
- Neris N, Colman F, Ovelar E, Sukigara N, Ishii N** 2002 - Guía de Mamíferos Medianos y Grandes del Paraguay: Distribución, Tendencia Poblacional y Utilización - SEAM, Asunción.
- Nesbitt SA, Hetrick WM, Williams LE, Austin DH** 1977 - Foods of the Nine-banded Armadillo in Florida - *Proceedings of the 31st Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 31: p57-61.
- Nishikaku AS, Peraçoli MTS, Bagagli E, Sugizaki MF, Sartori A** 2008 - Experimental Infections with *Paracoccidioides brasiliensis* Obtained from Armadillos: Comparison to Clinical Isolates - *Brazilian Journal of Infectious Diseases* 12: p57-62.
- Noss AJ, Peña R, Rumiz DI** 2004 - Camera Trapping *Priodontes maximus* in the Dry Forests of Santa Cruz, Bolivia - *Endangered Species Update* 21: p43-52.
- Notarnicola J, Navone GT** 2003 - Systematic and Distribution of *Oribelia anticlava* (Molin 1858) (Nematoda, Onchocercidae) from Dasypodids of South America - *Acta Parasitologica* 48: p103-110.
- Nowak RM** 1991 - Walker's Mammals of the World 5th Ed Volume 1 - Johns Hopkins, Baltimore.
- Olfers I** 1818 - Bemerkungen zu Illiger's Ueberblick der Säugthiere, nach Ihrer Vertheilung über die Welttheile, Rücksichtlich der Südamerikanischen Arten p192-237 in *Bertuch FI* Neue Bibliothek der

- Wichtigsten Reisebeschreibungen zue Erweiterung der Erd - und Völkerkunde; in Verbindung mit Einigen Anderen Gelehrten Gesammelt und Herausgegeben - Verlage des Landes-Industrie-Comptoirs, Weimar.
- Oliveira ES, Torres DF, Brooks SE, Alves RNN** 2010 - The Medicinal Animal Markets in the Metropolitan Region of Natal City, Northeastern Brazil - *Journal of Ethnopharmacology* 130: p54-60.
- Olmos F** 1995 - Edentates in the Caatinga of Serra da Capivara National Park - *Edentata* 2: p16-17.
- Olocco-Diz MJ, Duggan A** 2004 - The First Hand-rearing of Larger Hairy Armadillos *Chaetophractus villosus* at the Teraikén Foundation - *Edentata* 6: p27-30.
- Olocco-Diz MJ, Quse B, Gachen GG** 2006 - Registro de Medidas y Pesos del Tubo Digestivo de un Ejemplar de *Chaetophractus villosus* - *Edentata* 7: p23-25.
- Orozco MM** 2012 - Inmovilización Química de Armadillos de Tres Bandas (*Tolypeutes matacus*) Mediante el uso de los Protocolos Anestésicos en el Norte Argentino - *Edentata* 12: p1-6.
- Otriz de Rott MI, Resoagli EH** 1999 - Infracomunidad de Nematodos del Armadillo de Nueve Bandas *Dasypus novemcinctus* (Edentata, Dasypodidae) - *UNNE Comunicaciones Científicas y Tecnológicas Ciencias Veterinarias* 17: p1-3.
- Osgood WH** 1912 - Mammals from Western Venezuela and Eastern Colombia - *Fieldiana Zoology* 10: p33-66.
- Osgood WH** 1919 - Names of Some South American Mammals - *Journal of Mammalogy* 1: p33-36.
- Owen R** 1845 - Odontography or a Treatise on the Comparative Anatomy of the Teeth; their Physiological Relations, Mode of Development, and Microscopic Structure in the Vertebrate Animals - Hippolyte Bailiere, London.
- Paige CF, Scholl DT, Truman RW** 2002 - Prevalence and Incidence of Density of *Mycobacterium leprae* and *Trypanosoma cruzi* Infections Within a Population of Wild Nine-banded Armadillos - *American Journal of Tropical Medicine and Hygiene* 67: p528-532.
- Pallas PS** 1776 - Miscellanea Zoologica Quibus Novae Imprimis Atque Obscurae Animalium Species Describuntur et Observationibus Iconibusque Illustrantur - P van Cleef, Hague Comitum.
- Palmer TS** 1899 - Notes on *Tatoua* and Other Genera of Edentates - *Proceedings of Biological Society of Washington* 13: p71-73.
- Parera A** 2002 - Los Mamíferos de la Argentina y la Región Austral de Sudamérica - Editorial El Ateneo, Buenos Aires.
- Patzl M, Schwarzenberger F, Osmann C, Bamberg E, Bartmann W** 1998 - Monitoring Ovarian Cycle and Pregnancy in the Giant Anteater (*Myrmecophaga tridactyla*) by Faecal Progesterone and Oestrogen Analysis - *Animal Reproduction Science* 53: p209-219.
- Paula-Couto C** 1973 - Edentados Fósseis de Sao Paulo - *An Acad. Brasileira Ciênc.* 45:p261-275.
- Peale CW, Palisot de Beauvois AMFJ** 1796 - Scientific and Descriptive Catalogue of Peale's Museum - Samuel H Smith, Philadelphia.
- Peña MR de la, Pensiero JF** 2004 - Plantas Argentinas: Catálogo de Nombres Comunes - LOLA, Buenos Aires.
- Peppler RD, Hossler FE, Stone SC** 1986 - Determination of Reproductive Maturity in the Female Nine-banded Armadillo (*Dasypus novemcinctus*) - *Journal of Reproduction and Fertility* 76: p141-146.
- Perea D** 1993 - Nuevos Dasypodidae Fósiles de Uruguay - *Revista Chilena de Historia Natural* 66: p149-154.
- Peredo B** 1999 - Bolivia's Trade in Hairy Armadillos - *TRAFFIC Bulletin* 18: p41-45.
- Pessino MEM, Sarasola JH, Wander C, Besoky N** 2001 - Repuesta a Largo Plazo del Puma (*Puma concolor*) a una Declinación Poblacional de la Vizcacha (*Lagostomus maximus*) en el Desierto del Monte, Argentina - *Ecología Austral* 11: p61-67.
- Peters W** 1864 - Über Neue Arten der Säugethiergattungen *Geomys*, *Haplodon* und *Dasypus* - *Monatsber. König. Preuss. Akad. Wiss. Berlin* 1865: p177-181.
- Platt SG, Rainwater TR** 2003 - Above-ground "Nest" of the Nine-banded Armadillo in Belize - *Florida Field Naturalist* 31: p8-9.
- Platt SG, Rainwater TR, Brewer SW** 2004 - Aspects of Burrow Ecology in Nine-banded Armadillos in Northern Belize - *Mammalian Biology* 69: p217-224.
- Platt SG, Rainwater TR, Miller BW, Miller CM** 2000 - Notes on the Mammals of Turneffe Atoll, Belize - *Caribbean Journal of Science* 36: p166-168.



- Poljak S, Escobar J, Deferrari G, Lizarralde M** 2007 - Un Nuevo Mamífero Introducido en la Tierra del Fuego: "El Peludo" *Chaetophractus villosus* (Mammalia, Dasypodidae) en Isla Grande - *Revista Chilena de Historia Natural* 80: p285-294.
- Poljak S, Congalonieri V, Fasanella M, Gabrielli M, Lizarralde MS** 2010 - Phylogeography of the Armadillo *Chaetophractus villosus* (Dasypodidae, Xenarthra): Post-glacial Range Expansion from Pampas to Patagonia (Argentina) - *Molecular Phylogenetics and Evolution* 55: p38-46.
- Porini G** 2001 - Tatu Carreta *Priodontes maximus* en Argentina - *Edentata* 4: p9-14.
- Pozio E** 2005 - The Broad Spectrum of *Trichinella* Hosts: From Cold- to Warm-blooded Animals - *Veterinary Parasitology* 132: p3-11.
- Prada M, Marinho-Filho J** 2004 - Effects of Fire on Abundance of Xenarthrans in Mato Grosso, Brazil - *Austral Ecology* 29: p568-573.
- Prodöhl PA, Loughry WJ, McDonough CM, Nelson WS, Avise JC** 1996 - Molecular Documentation of Polyembryony and the Micro-spatial Dispersion of Clonal Sibships in the Nine-banded Armadillo *Dasypus novemcinctus* - *Proceedings of the Royal Society of London B* 263: p1643-1649.
- Quesada-Pascual F, Jimenez-Flores R, Flores-Langarica A, Silva-Sanchez A, Calderon-Amador J, Mendez-Cruz R, Limón.Flores AY, Estrada-Parra S, Santos-Argumedo L, Estrada-Garcia I, Flores-Romo L** 2008 - Characterization of Langerhans Cells in Epidermal Sheets Along the Body of Armadillo (*Dasypus novemcinctus*) - *Veterinary Immunology and Immunopathology* 124: p220-229.
- Rabinowitz AR, Nottingham BG** 1986 - Ecology and Behaviour of the Jaguar *Panthera onca* in Belize, Central America - *Journal of Zoology* 210: p149-159.
- Rapp W** 1852 - Anatomische Untersuchungen über die Edentaten. Zweite Verbesserte und Vermehrte Auflage - Ludwig Friedrich Fues, Tübingen.
- Ratajszczak R, Trzesowska E** 1997 - Management and Breeding of the Larger Hairy Armadillo, *Chaetophractus villosus*, at Pozan Zoo - *Der Zoologische Garten* 67:p 220-228.
- Redford KH** 1985 - Feeding and Food Preference in Captive and Wild Giant Anteaters (*Myrmecophaga tridactyla*) - *Zoology* 205: p559-572.
- Redford KH** 1986 - Dietary Specialization and Variation in Two Mammalian Myrmecophages (Variation in Mammalian Myrmecophagy) - *Revista Chilena de Historia Natural* 59: p201-208.
- Redford KH** 1994 - The Edentates of the Cerrado - *Edentata* 1: p4-10.
- Redford KH** 1986 - Dietary Specialization and Variation in Two Mammalian Myrmecophages (Variation in Mammalian Myrmecophagy) - *Revista Chilena de Historia Natural* 59: p201-208.
- Redford KH, Dorea JG** 1984 - The Nutritional Value of Vertebrates with Emphasis on Ants and Termites as Food for Mammals - *Journal of Zoological Society of London* 203: p385-395.
- Redford KH, Eisenberg JF** 1992 - Mammals of the Neotropics: Volume 2 The Southern Cone - University of Chicago Press, Chicago.
- Redford KH, Wetzel RM** 1985 - *Euphractus sexcinctus* - *Mammalian Species* 252: p1-4.
- Redi CA, Zacharias H, Merani S, Oliveira-Miranda M, Aguilera M, Zuccotti M, Garagna S, Capanna E** 2005 - Genome Sizes in Afrotheria, Xenarthra, Euarchontoglires and Laurasiatheria - *Journal of Heredity* 96: p485-493.
- Rehn JAG** 1900 - On the Linnean Genera *Myrmecophaga* and *Didelphis* - *American Naturalist* 34: p575-578.
- Reis dos NR, Peracchi AL, Pedro WA, Lima de IPA** 2006 - Mamíferos do Brasil - Londrina, Paraná.
- Reiss KN** 1997 - Myology of the Feeding Apparatus of Myrmecophagid Anteaters (Xenarthra: Myrmecophagidae) - *Journal of Mammalian Evolution* 4: p87-117.
- Rengger JR** 1830 - Naturgeschichte der Säugethiere von Paraguay - Schweighauserschen, Basel.
- Restrepo A, McEwan JG, Castañeda E** 2001 - The Habitat of *Paracoccidioides brasiliensis*: How Far From Solving the Riddle? - *Medical Mycology* 39: p233-241.
- Rhoads SN** 1894 - Description of a New Armadillo with Remarks on the Genus *Muletia* Gray - *PNAS Philadelphia* 1894: p111-114.
- Ribicich M, Gamble HR, Bolpe J, Scialfa E, Krivokapich S, Cardillo N, Betti A, Cambiaggi Holzmam ML, Pasqualetti M, Fariña F, Rosa A** 2010 - *Trichinella* Infection in Wild Animals from Endemic Regions of Argentina - *Parasitology Research* 107: p377-380.



- Richini-Perreira VB, Gimenes Bosco SdeM, Griese J, Theodoro RC, Macoris SA da G, da Silva RJ, Barrozo L, Tavares PM e S, Zancopé-Oliveira RM, Bagagli E** 2008 - Molecular Detection of *Paracoccidioides brasiliensis* in Road-killed Wild Animals - *Medical Mycology* 46: p35-40.
- Richini-Perreira VB, Gimenes Bosco SdeM, Theodoro RC, Barrozo L, Pedrini SCP, Rosa PS, Bagagli E** 2009 - Importance of Xenarthrans in the Eco-epidemiology of *Paracoccidioides brasiliensis* - *BMC Research Notes* 2: 228.
- Robertson EG, McDonough CM, Loughry WJ** 2000 - Changes in Observability of Adult Nine-banded Armadillos Over the Summer: Observer Effect or Seasonal Decline? - *Florida Field Naturalist* 28: p161-172.
- Robinson W, Lyon MW Jr** 1901 - An Annotated List of Mammals Collected in the Vicinity of La Guaira, Venezuela - *Proceedings US Natl. Museum* 24: p135-162.
- Rocha CFD, Bergallo HG, Pombal JP Jr, Geise L, Van Sluys M, Fernandes R, Caramaschi U** 2004 - Fauna de Anfíbios, Répteis e Mamíferos do Estado do Rio de Janeiro, Sudeste do Brasil - *Publ. Avulsos do Museu Nacional Rio de Janeiro* 104:p3-23.
- Rocha ECC, Silva E, Martins SV, Barreto FCC** 2006 - Evaluación Estacional de la Riqueza y Abundancia de Especies de Mamíferos en la Reserva Biológica Municipal "Mário Viana", Mato Grosso, Brasil - *Revista de Biología Tropical* 54: p879-888.
- Rocha FL, Mourão G** 2006 - An Agonistic Encounter Between Two Giant Anteaters (*Myrmecophaga tridactyla*) - *Edentata* 7: p50-51.
- Rocha-Mendes F, Mikich SB, Bianconi GV, Pedro WA** 2005 - Mamíferos do Município de Fênix, Paraná, Brasil: Etnozoologia e Conservação - *Revista Brasileira de Zoologia* 22: p991-1002.
- Rode P** 1937 - Étude d'une Collection de Mammifères de l'Écuador Oriental (Mission Flornoy) - *Bull. Museum National de Histoire Naturelle Paris Ser. 2* 9: p342-346.
- Rodrigues B de A, Brito Melo G de** 1942 - Contribuição ao Estudo da Tripanosomiase Americana - *Memorias Instituto Oswaldo Cruz* 37: p77-90.
- Rodrigues FHG, Hass A, Lacerda ACR, Grando RLSC, Bagno MA, Bezerra AMR, Silva WR** 2007 - Feeding Habits of the Maned Wolf (*Chrysocyon brachyurus*) in the Brazilian Cerrado - *Mastozoologia Neotropical* 14: p37-51.
- Rodrigues FHG, Marinho-Filho JS** 2003 - Diurnal Rest Sites of Translocated Lesser Anteaters *Tamandua tetradactyla* in the Cerrado of Brazil - *Edentata* 5: p44-46.
- Rojas-Suarez CR, Maffei L** 2003 - Reproducción de *Dasybus novemcinctus* en el Izogog, Santa Cruz, Bolivia - *Edentata* 5: p47-54.
- Romero JAA, Martínez PCC, Holguín SAO, Pacheco RM** 2010 - Notas Sobre el Comportamiento de Cortejo y Apareamiento de *Myrmecophaga tridactyla* Bajo Condiciones Ex Situ - *Edentata* 11: p34-43.
- Roque AL, Xavier SCC, da Rocha MG, Duarte ACM, D'Andrea PS, Jansen AM** 2008 - *Trypanosoma cruzi* Transmission Cycle Among Wild and Domestic Animals in Three Areas of Orally Transmitted Chagas Disease Outbreaks - *American Journal of Tropical Medicine and Hygiene* 79: p742-749.
- Rosa PS, Pinke CAE, Pedrini SCB, Silva EA** 2009 - The Effect of Iron Supplementation in the Diet of *Dasybus novemcinctus* (Linnaeus, 1758) Armadillos in Captivity - *Brazilian Journal of Biology* 69: p117-122.
- Ruby JR, Allen ER** 1976 - Ultrastructure of the Salivary Bladder of the Nine-banded Armadillo - *Cell and Tissue Research* 169: p383-394.
- Rüppell E** 1842 - Verzeichniss der in dem Museum der Senckenbergischen Naturforschenden Gesellschaft Aufgestellten Sammlungen - *Mus. Senckenb.* 3: p145-196.
- Sanborn CC** 1930 - Distribution and Habits of the Three-banded Armadillo *Tolypentes* - *Journal of Mammalogy* 11: p61-68.
- Sanderson IT** 1949 - A Brief Review of the Mammals of Suriname (Dutch Guiana), Based Upon a Collection Made in 1938 - *Proceedings of the Zoological Society of London* 119: p755-789.
- Sanderson J, Silveira L** 2003 - Observations of *Xenarthra* in the Brazilian Cerrado and Guyana - *Edentata* 5: p41-44.
- Santos-Filho M dos, da Silva MNF** 2002 - Uso de Habitats por Mamíferos em Área de Cerrado do Brasil Central: Um Estudo com Armadilhas Fotográficas - *Revista Brasileira de Zoociencias* 4: p57-73.
- Scavone MD da P, Oliveira C, Bagagli E, Foresti F** 2000 - Analysis of the Synaptonemal Complex of the Nine-banded armadillo *Dasybus novemcinctus* - *Genetics and Molecular Biology* 23: p613-616.

- Schaefer RR, Fagan JF** 2006 - Commensal Foraging by a Fan-tailed Warbler (*Euthlypis lachrymosa*) with a Nine-banded Armadillo (*Dasypus novemcinctus*) in Southwestern Mexico - *Southwestern Naturalist* 51: p560-562.
- Schimming BC** 2009 - Morphological Study of the Cervical Salivary Glands in the Nine-banded Armadillo - *International Journal of Morphology* 27: p737-742.
- Schimming BC, Fernandes de Abreu MA** 2001 - Systematization of the Arteries in the Splenic Hilus of the Armadillo (*Dasypus novemcinctus*, L) - *Revista Chilena de Anatomia* 19: p149-154.
- Schinz HR** 1824 - Naturgeschichte und Abbildungen der Säugethiere - Brodtmann's Lithographischer Kunstanstalt, Zürich.
- Schinz HR** 1845 - Systematisches Verzeichniss aller bis jetzt Bekannten Säugthiere oder Synopsis Mammalium nach dem Cuvier'schen System 2 - Jent und Gassmann, Solothurn.
- Schmid K** 1818 - Naturhistorische Beschreibung der Säugthiere - Verlage der Lithographischen Kunst-Anstalt, München.
- Schmitt JV, Dechandt IT, Dopke G, Ribas ML, Cerci FB, Viesi JMZ, Marchioro HZ, Zunino MMB, Miot HA** 2010 - Armadillo Meat Intake was not Associated with Leprosy in a Case Control Study, Curitiba (Brazil) - *Memorias Instituto Oswaldo Cruz* 105: p857-862.
- Schomburgk RH** 1840 - Mr Schomburgk's Recent Expedition in Guiana - *Annals of Natural History* 5: p29-35.
- Schreber JCD von** 1774 - Die Säugthiere in Abbildungen nach der Natur mit Beschreibungen - Wolfgang Wallther, Erlangen.
- Sciurano RB, Merani M, Bustos J, Solari AJ** 2006 - Synaptonemal Complexes and XY Behavior in Two Argentinian Armadillos: *Chaetophractus villosus* and *Dasypus hybridus* (Xenarthra, Dasypodidae) - *Biocell* 30: p57-66.
- Serafim MKB, Lira RA, Costa LLM, Gadhela ICN, Freitas CIA, Silva AR** 2010 - Description of Semen Characteristics from Six-banded Armadillos *Euphractus sexcinctus* Collected by Electroejaculation - *Animal Reproduction Science* 118: p362-365.
- Shaw JS, Machado-Neto JC, Carter TS** 1987 - Behaviour of Free-living Giant Anteaters *Myrmecophaga tridactyla* - *Biotropica* 19: p255-259.
- Sherman HB** 1943 - The Armadillo in Florida - *Florida Entomologist* 26: p54-59.
- Silva AV da, Bosco S de MG, Langoni H, Bagagli E** 2006 - Study of *Toxoplasma* Infection in Brazilian Wild Mammals: Serological Evidence in *Dasypus novemcinctus* Linnaeus, 1758 and *Euphractus sexcinctus* Wagler, 1830 - *Veterinary Parasitology* 135: p81-83.
- Silva DF da, Filho JG, Bagagli E** 2007 - Anatomia do Encéfalo de *Dasypus novemcinctus* (Xenarthra, Dasypodidae) - *Arquivos Cienc. Vet. Zool. Unipar, Umuarama* 10: p27-29.
- Silva EA, Rosa PS, Arruda MSP, Rúbio EM** 2005 - Determination of Duffy Phenotype of Red Blood Cells in *Dasypus novemcinctus* and *Cabassous* sp. - *Brazilian Journal of Biology* 65: p555-557.
- Silva KFM** 2006 - Ecologia de uma População de Tatu-Galinha *Dasypus septemcinctus* no Cerrado do Brasil Central - Master Thesis, Universidade de Brasília.
- Silva KFM, Barros Henriques RP** 2009 - Ecologia de População e Área de Vida do Tatu-Mirim *Dasypus septemcinctus* em um Cerrado no Brasil Central - *Edentata* 8-10: p48-53.
- Silva-Vergara ML, Martinez R** 1999 - Role of the Armadillo *Dasypus novemcinctus* in the Epidemiology of Paracoccidioidomycosis - *Mycopathologia* 144: p131-133.
- Silveira L, Almeida Jácomo AT de, Malzoni Furtado M, Mundim Torres M, Sollmann R, Vynne C** 2009 - Ecology of the Giant Armadillo *Priodontes maximus* in the Grasslands of Central Brazil - *Edentata* 8-10: p25-34.
- Silveira L, Rodrigues FHG, Jácomo AT de A, Diniz Filho JAF** 1999 - Impact of Wildfires on the Megafauna of Emas National Park, Central Brazil - *Oryx* 33: p108-114.
- Silveira TC** 1997 - Dieta e Utilização de Habitat do Tatu-canastra (*Priodontes maximus* Kerr, 1792) numa Área de Cerrado do Brasil Central - Masters Thesis, Universidade de Brasília, Brasília.
- Simkin AM, Michener WK** 2005 - Faunal Soil Disturbance Regime of a Longleaf Pine Ecosystem - *Southeastern Naturalist* 4: p133-152.
- Smales LR** 2007 - Oligacanthorhynchidae (Acanthocephala) from Mammals from Paraguay with the Description of a New Species of *Neonicola* - *Comparative Parasitology* 74: p237-243.

- Smit FGAM** 1987 - An Illustrated Catalogue of the Rothschild Collection of Fleas (Siponaptera) in the British Museum (Natural History) Volume 7 - British Museum of Natural History, London.
- Smith JH, Folse DS, Long EG** 1983 - Leprosy in Wild Armadillos *Dasypus novemcinctus* of the Texas Gulf Coast USA Epidemiology and Mycobacteriology - *Journal of the Reticuloendothel Society* 34: p75-88.
- Smith P** (in press) - Assessing the Assessment, the Relevance of the 2006 Paraguayan Mammal Conservation Assessment to the Reality of Xenarthran Conservation in 2012 - *Edentata*.
- Smith P, Owen R, Atkinson K, del Castillo H, Northcote-Smith E** 2012 - First Records of the Southern Naked-tailed Armadillo *Cabassous unicinctus* (Linnaeus, 1758) (Xenarthra: Dasypodidae) in Paraguay - *Edentata* 12: p53-57.
- Smith SA, Robbins LW, Steiert JG** 1998 - Isolation and Characterization of a Chitinase from the Nine-Banded Armadillo, *Dasypus novemcinctus* - *Journal of Mammalogy* 79: p486-491.
- Smith-Patten BD, Patten MA** 2008 - Diversity, Seasonality and Context of Mammalian Roadkills in the Southern Great Plains - *Environmental Management* 41: p844-852.
- Sogorb F, Jamra LF, Guimarães FC** 1977 - Toxoplasmoses em Animais de São Paulo, Brasil - *Revista Instituto Medicina Tropical, São Paulo* 19: p191-194.
- Soibelzon E, Carlini AA, Tonni EP, Soibelzon LH** 2006 - *Chaetophractus vellerosus* (Mammalia: Dasypodidae) in the Ensenadan (Early-Middle Pleistocene) of the Southeastern Pampean Region (Argentina) - Paleozoogeographical and Paleoclimatic Aspects - *Jb. Geol. Palaont. Mb.* 12: p734-748.
- Soibelzon E, Negrete GDJ, Carlini AA, Plischuk S** 2007 - Annual Diet of the Little Hairy Armadillo *Chaetophractus vellerosus* (Mammalia, Dasypodidae) in Buenos Aires Province, Argentina - *Journal of Mammalogy* 88: p1319-1324.
- Sousa e Silva Junior J de, Fernandes MEB, Cerquiera R** 2001 - New Records of the Yellow Armadillo (*Euphractus sexcinctus*) in the State of Maranhao, Brazil (Xenarthra, Dasypodidae) - *Edentata* 4: p18-23.
- Sousa e Silva Junior J de, Nunes AP** 2001 - The Disjunct Geographical Distribution of the Yellow Armadillo *Euphractus sexcinctus* (Xenarthra, Dasypodidae) - *Edentata* 4: p16-18.
- Souza CP de, Verocai GG, Arruda JAAM de Pires JR, Takitani AY, Faccini JLH** 2009 - Otoacariasis Due to *Edentalges bradypus* Fonseca 1954 (Acari; Psoroptidae) Infestation in the Brown-throated Three-toed Sloth *Bradypus variegatus* from Brazil - *Parasitology Research* 105: p881-882.
- Souza-Mazurek RR de, Pedrinho T, Feliciano X, Hilário W, Gerôncio S, Marcelo E** 2000 - Subsistence Hunting Among the Waimiri Atoari Indians in Central Amazonia, Brazil - *Biodiversity and Conservation* 9: p579-596.
- Squarcia SM, Sidorkewicz NS, Camina R, Casanave EB** 2009 - Sexual Dimorphism in the Mandible of the Armadillo *Chaetophractus villosus* (Desmarest, 1804) (Dasypodidae) from Northern Patagonia, Argentina - *Brazilian Journal of Biology* 69: p347-352.
- Squarcia SM, Sidorkewicz NS, Casanave EB** 2006 - Cranial Osteology of the Armadillo *Chaetophractus villosus* (Mammalia, Xenarthra, Dasypodidae) - *International Journal of Morphology* 24: p541-547.
- Squarcia SM, Sidorkewicz NS, Casanave EB** 2007 - The Hypertrophy of the Tympanic Bullae in Three Species of Dasypodids (Mammalia, Xenarthra) from Argentina - *International Journal of Morphology* 25: p597-602.
- Srbek-Araujo AC, Scoss LM, Hirsch A, Chiarello AG** 2009 - Records of the Giant Armadillo *Priodontes maximus* (Cingulata: Dasypodidae) in the Atlantic Forest: Are Minas Gerais and Espírito Santo the Last Strongholds of the Species - *Zoologia* 26: p461-468.
- Staller EL** 2001 - Identifying Predators and Fates of Northern Bobwhite Nests Using Miniature Video Cameras - MSc Thesis, University of Georgia.
- Staller EL, Palmer WE, Carroll JP, Thornton RP, Sisson DC** 2005 - Identifying Predators at Northern Bobwhite Nests - *Journal of Wildlife Management* 69: p124-132.
- Storrs EE** 1971 - The Nine-banded Armadillo: A Model for Leprosy and Other Biomedical Research - *International Journal of Leprosy* 39: p703-714.
- Strecker JK** 1926 - The Extension of Range of the Nine-banded Armadillo - *Journal of Mammalogy* 7: p206-210.
- Steuber GJ** 2007 - The Cost of an Emerging Disease: Mycobacterium leprae Infection Alters Metabolic Rates of the Nine-banded Armadillo (*Dasypus novemcinctus*) - MS Thesis, University of Akron, Ohio.



- Stevenson HM, Crawford RL** 1974 - The Spread of the Armadillo into the Tallahassee-Thomasville Area - *Florida Field Naturalist* 2: p8-10.
- Stuart JN, Frey JK, Schwenke ZJ, Sherman JS** 2007 (2009) - Status of the Nine-banded Armadillos (*Dasybus novemcinctus*) in New Mexico - *Prairie Naturalist* 39: p163-169.
- Stuart JN, Knight PJ** 1998 - Notes on the Armadillo *Dasybus novemcinctus* in New Mexico - *New Mexico Naturalist's Notes* 1: p39-42.
- Superina M, Aguiar JM** 2006 - A Reference List of Common Names for the Edentates - *Edentata* 7: p33-44.
- Superina M, Miranda FR, Abba A** 2010 - The 2010 Anteater Red List Assessment - *Edentata* 11: p96-114.
- Szabó MPJ, Martins-Olegário MM, Quagliatto-Santos AL** 2007 - Tick Fauna from Two Locations in the Brazilian Savannah - *Experimental and Applied Acarology* 43: p73-84.
- Taber AB, Novaro AJ, Neris N, Colman FH** 1997 - The Food Habits of Sympatric Jaguar and Puma in the Paraguayan Chaco - *Biotropica* 29: p204-213.
- Taber FW** 1945 - Contribution on the Life History and Ecology of the Nine-banded Armadillo - *Journal of Mammalogy* 26: p211-226.
- Tamayo HM** 1968 - Los Armadillos Descritos por JI Molina - *Notic. Mensual Museo Nacional Santiago* - 12: p3-11.
- Tanaka R, Sano A, Franco M, Bagagli E, Montenegro MR, Nishimura K, Miyaji M** 2001 - Cerebriform Colonies of *Paracoccidioides brasiliensis* Isolated from Nine-banded Armadillo *Dasybus novemcinctus* at Room Temperature - *Mycoses* 44: p9-12.
- Tanhauser SM, Cheadle MA, Massey ET, Mayer BA, Schroedter DE, Dame JB, Greiner EC, MacKay RJ**, 2001 - The Nine-banded Armadillo (*Dasybus novemcinctus*) is Naturally Infected with *Sarcocystis neurona* - *International Journal for Parasitology* 31: p325-329.
- Taulman JF** 1994 - Observations of Nest Construction and Bathing Behaviors in the Nine-banded Armadillo - *Southwestern Naturalist* 39: p378-380.
- Taulman JF, Robbins LW** 1996 - Recent Range Expansion and Distributional Limits of the Nine-banded Armadillo (*Dasybus novemcinctus*) in the United States - *Journal of Biogeography* 23: p635-648.
- Thomas O** 1880 - On Mammals from Ecuador - *Proceedings of Zoological Society of London* 1880: p393-403.
- Thomas O** 1900 - List of the Mammals Obtained by Dr G Franco Grillo in the Province of Paraná, Brazil - *Ann. Mus. Civico Storia Nat. Genova Ser.2* 20: p546-549.
- Thomas O** 1904 - On the Mammals Collected by Mr A Robert at Chapada, Matto Grosso (Percy Sladen Expedition to Central Brazil) - *Proceedings of Zoological Society of London* 1903: p232-244.
- Thomas O** 1907 - On Neotropical Mammals of the Genera *Callicebus*, *Reithrodontomys*, *Ctenomys*, *Dasybus* and *Marmosa* - *Annals and Magazine of Natural History Series* 7 20:p161-168.
- Thomas O** 1911 - The Mammals of the Tenth Edition of Linnaeus - *Proceedings of the Zoological Society of London* 1911: p120-158.
- Thunberg CP** 1818 - Tekning af en ny Myr- Ätare Eller Bälta Ifrån Brasilien - *Svenska Vetenskapsakad, Stockholm Handl.* 39: p65-68.
- Timm RM & Laval RK** 2000 - Mammals p223-244, 553-560 in *Nadkarni NM, Wheelwright NT* eds Monteverde: Ecology and Conservation of a Tropical Cloud Forest - Oxford University Press, New York.
- Timock J, Vaughan C** 2002 - A Census of Mammal Populations in Punta Leona Private Wildlife Refuge, Costa Rica - *Revista de Biología Tropical* 50: p1169-1180.
- Tomas WM, Camilo AR, Campos Z, Chiaravalloti RM, Lacerda ACR, Borges PAL, Medri IM, Nunes AP, Tomas MA, Goulart CS, Morzele HB, Lopes VA, Aragona M** 2009 - Ocorrência de Tatu-de-rabo-mole *Cabassous unicinctus* (Cingulata, Dasypodidae) no Pantanal, Brasil - *Embrapa Boletim de Pesquisa e Desenvolvimento* 87: p1-19.
- Torres R, Monguillot J, Bruno G, Michelutti P, Ponce A** 2009 - Ampliación del Limite Austral de la Distribución del Oso Mielero (*Tamandua tetradactyla*) en la Argentina - *Notulas Faunísticas 2da Serie* 39: p1-5.
- Travi BL, Jaramillo C, Montoya J, Segura I, Zea A, Goncalves A, Velez ID** 1994 - *Didelphis marsupialis* An Important Reservoir of *Trypanosoma (Schizotympanum) cruzi* and *Leishmania (Leishmania) chagasi* in Colombia - *American Journal of Tropical Medicine and Hygiene* 50: p557-565.



- Trouessart EL** 1898 - Catalogus Mammalium tam Viventium quam Fossilium. Fasciculus V: Sirenia, Cetacea, Edentata, Marsupialia, Allotheria, Monotremata - R.Friedländer & Sohn, Berolini.
- Trouessart EL** 1905 - Catalogus Mammalium tam Viventium quam Fossilium. Quinquennale Supplementum (1899-1904) Cetacea, Edentata, Marsupialia, Allotheria, Monotremata Index Alpabeticus - R.Friedländer & Sohn, Berolini.
- Truman R** 2005 - Leprosy in Wild Armadillos - *Leprosy Review* 76: p198-208.
- Truman RW, Kumaresan JA, McDonough CM, Job CK, Hastings RC** 1991 - Seasonal and Spatial Trends in the Detectability of Leprosy in Wild Armadillos - *Epidemiology and Infections* 106: p549-560.
- Turner HN Jr** 1853 - On the Arrangement of the Edentate Mammalia - *Proceedings of Zoological Society of London* 1851: p205-221.
- Tyler JD, Donelson SL** 1996 - Noteworthy Mammal Records for Western Oklahoma - *Proceedings of the Oklahoma Academy of Science* 76: p103-104.
- Tyler JD, Molinaro S, Messina M** 1996 - A Note on Spring Food of Armadillos, *Dasypus novemcinctus*, in a Residential Area - *Proceedings of the Oklahoma Academy of Science* 76: p99-101.
- Ubaid FK, Mendonça LS, Maffei F** 2010 - Contribuição ao Conhecimento da Distribuição Geográfica do Tatu-de-Rabo-Mole-Grande *Cabassous tatouay* no Brasil: Revisão, Status e Comentários Sobre a Espécie - *Edentata* 11: p22-28.
- Varela-Stokes AS, Ludwig SY, Herbst LH, Greiner EC** 2008 - Helminth Fauna of the Nine-banded Armadillo (*Dasypus novemcinctus*) in North-Central Florida - *Journal of Parasitology* 94: p564-566.
- Utrera A, Ramo C** 1989 - Ordenamiento de la Fauna Silvestre de Apuroquia - *Biollania* 6: p51-76.
- Van Deelen TR, Parrish JD, Heske EJ** 2002 - A Nine-banded armadillo (*Dasypus novemcinctus*) from Central Illinois - *Southwestern Naturalist* 47: p489-491.
- Vaughan C, Schoenfelder S** 1999 - Dry Season Activity, Movement, Habitat and Den Utilization of the Nine-banded Armadillo (*Dasypus novemcinctus*) in Neotropical Dry Forest, Costa Rica - *Revista de Biología Tropical* 47: p1117-1119.
- Vaz SM** 2003 - Lista de Localidades de Captura de Xenartros sob Ameaça de Extinção no Brasil - *Edentata* 5: p4-5.
- Vesey-FitzGerald D** 1936 - Trinidad Mammals - *Tropical Agri. Trinidad* 8: p161-165.
- Vicente JJ, Rodrigues H de O, Gomes DC, Pinto RM** 1997 - Nematóides do Brasil Parte V: Nematóides do Mamíferos - *Revista Brasileira de Zoologia* 14 Supp 1: p1-452.
- Vickaryous MK, Ball BK** 2006 - Osteoderm Morphology and Development in the Nine-banded Armadillo *Dasypus novemcinctus* (Mammalia, Xenarthra, Cingulata) - *Journal of Morphology* 267: p1273-1283.
- Vijayaraghavan R** 2009 - Nine-banded Armadillo *Dasypus novemcinctus* Animal Model for Leprosy (Hansen's Disease) - *Scandinavian Journal of Laboratory Animal Science* 36: p167-176.
- Villalba R, Yanosky A** 2000 - Guía de Huellas y Señales: Fauna Paraguaya - Fundación Moises Bertoni, Asunción.
- Vinke T, Vinke S** 2012 - Legal Wildlife Trade - *Schildkröten im Fokus Online. Bergheim* 2: 1-15.
- Vizacaino SF** 1995 - Identificación de las "Mullitas" Genero *Dasypus* (Mammalia: Dasypodidae) del Noroeste Argentino. Descripción de una Nueva Especie - *Mastozoología Neotropical* 2: p5-13.
- Vizcaíno SF, Fariña RA, Mazzetta GV** 1999 - Ulnar Dimensions and Fossoriality in Armadillos - *Acta Theriologica* 44: p309-320.
- Vizcaíno SF, Milne N** 2002 - Structure and Function in Armadillo Limbs (Mammalia: Xenarthra: Dasypodidae) - *Journal of Zoological Society of London* 257: p117-127.
- Voight FS** 1831 - Das Thierreich, Geordnet nach seiner Organisation, als Grundlage der Naturgeschichte der Thier und Einleitung in die Vergleichende Anatomie von Baron von Cuvier. Erster Band, Säugthiere und Vögel - FA Brockhaus, Leipzig.
- Vynne C, Machado RB, Marinho-Filho J, Wasser SK** 2009 - Scat-detection Dogs Seek Out New Locations of *Priodontes maximus* and *Myrmecophaga tridactyla* in Central Brazil - *Edentata* 8-10: p13-14.
- Wagler JG** 1830 - Natürliches System der Amphibien mit Vorangehender Classification der Säugthiere und Vögel - JG Cotta'schen Buchhandlung, München, Stuttgart und Tübingen.
- Wagner JA** 1844 - Die Säugthiere in Abbildungen nach der Natur mit Beschreibungen von Dr Johann Christian Daniel von Schreber. Supplementband. Vierte Abtheilung: Die Nager (Zweiter Abschnitt),

- Zahnlücker, Einhufer, Dickhäuter und Wiederkäufer - Erlangen: Expedition das Schreber'schen Säugthier- und des Esper'sschen Schmetterlingswerkes und in Comission der Voss'schen Buchhandlung in Leipzig.
- Wagner JA** 1855 - Diagnosen Einiger Neuer Arten von Nagern und Handflüglern - *Arch. Naturgesch.* 11: p145-149.
- Walsh DS, Meyers WM, Krieg RE, Walsh GP** 1999 - Transmission of *Mycobacterium ulcerans* to the Nine-banded Armadillo - *American Journal of Tropical Medicine and Hygiene* 61: p694-697.
- Walsh GP, Storrs EE, Burchfield HP** 1975 - Leprosy-like Disease Occurring Naturally in Armadillos - *Journal of the Reticuloendothel Society* 18: 347-351.
- Watts SL, Fitzpatrick DM, Maruniak JE** 2009 - Blood Meal Identification from Florida Mosquitoes (Diptera: Culicidae) - *Florida Entomologist* 92: p619-622.
- Wetzel RM** 1975 - The Species of *Tamandua* Gray (Edentata, Myrmecophagidae) - *Proceedings of Biological Society of Washington* 88: p95-112.
- Wetzel RM** 1980 - Revision of the Naked-tailed Armadillos Genus *Cabassous* McMurtie - *Annals of the Carnegie Museum of Natural History* 49: p323-357.
- Wetzel RM** 1982 - Systematics, Distribution, Ecology and Conservation of South American Edentates - *Pymatuning Lab. Ecol. Special Publication* 6: p345-375.
- Wetzel R** 1985 - The Identification and Distribution of Recent Xenarthra (=Edentata) p5-22 in *Montgomery GG* ed The Evolution and Ecology of Armadillos, Sloths and Vermilinguas - Smithsonian Institution Press, Washington DC.
- Wetzel RM, Mondolfi E** 1979 - The Subgenera and Species of Long-nosed Armadillos Genus *Dasypus* p43-63 in *Eisenberg JF* Vertebrate Ecology in the Northern Neotropics - Smithsonian Institution Press, Washington DC.
- Whitaker JO Jr.** 2010 - Mammals of Indiana: a Field Guide - Indiana University Press, Bloomington. 352 pp.
- Widholzer FL, Voss WA** 1978 - Breeding the Giant Anteater *Myrmecophaga tridactyla* at Sao Leopoldo Zoo - *International Zoo Yearbook* 18: p122-123.
- Wied-Neuwied MP zu** 1826 - Beiträge zur Naturgeschichte von Brasilien. Verzeichniss der Amphibien, Säugthiere un Vögel, welche auf einer Reise Zwischen dem 13ten dem 23sten Grade Südlicher Breite im Östlichen Brasilien Beobachtet Wurden II Abtheilung Mammalia, Säugthiere - Gr. HS priv. Landes Industrie Comptoirs, Weimar.
- Wilson DE, Cole FR** 2000 - Common Names of Mammals of the World - Smithsonian Institution Press, Washington and London.
- Winge H** 1915 - Jordfunde og Nulevende Gumlere (Edentata) fra Lagoa Santa, Minas Geraes, Brasilien - *E. Museo Lundii, Copenhagen* 3:p1-321.
- Wislocki BG, Enders KR** 1935 - Body Temperature of Sloths, Anteaters and Armadillos - *Journal of Mammalogy* 16: p328-329.
- Yeo M, Acosta N, Llewellyn M, Sánchez H, Adamson S, Miles GA, López E, González N, Patterson JS, Gaunt MW, de Arias AR, Miles MA** 2005 - Origins of Chagas Disease: *Didelphis* Species are Natural Hosts of *Trypanosoma cruzi* I and Armadillos Hosts of *Trypanosoma cruzi* II, Including Hybrids - *International Journal of Parasitology* 35: p225-233.
- Yepes J** 1928 - Los "Edentata" Argentinos. Sistemática y Distribución - *Revista Universidad de Buenos Aires Serie 2a* 1:p461-515.
- Yepes J** 1933 - Una Nueva Especie de "Mulita" (Dasipodidae) para el Norte Argentino - *Physis Buenos Aires* 11: p225-232.
- Yepes J** 1935 - Las Especies Argentinas del Género *Cabassous* (Dasypodidae) - *Physis* 11: p438-444.
- Yepes J** 1939 - Una Nueva Subespecie de "Pichi Ciego" Mayor (Chlamyphorinae) y su Probable Distribución Geográfica - *Physis Buenos Aires* 16: p35-39.
- Young RJ, Coelho CM, Wieloch DR** 2003 - A Note on the Climbing Abilities of Giant Anteaters *Myrmecophaga tridactyla* (Xenarthra, Myrmecophagidae) - *Boletim Museu de Biología Mello Leitão Nueva Serie* 15: p41-46.
- Ximénez A, Langguth A, Praderi R** 1972 - Lista Sistemática de los Mamíferos del Uruguay - *Ann. Museo Nacional de Historia Natural de Montevideo Serie 2a* 7:p1-49.
- Zajc L, Myers P** 2006 - *Cabassous tatouay* (On-line), Animal Diversity Web. Accessed July 24, 2008.

- Zamorano M, Scillato-Yané GJ** 2008 - Registro de *Dasybus novemcinctus* (Mammalia: Dasypodidae) en el Sudoeste de la Provincia de Buenos Aires, Argentina - *BioScriba* 1: p17-26.
- Zapata Rios G** 2001 - Sustentabilidad de la Cacería de Subsistencia: El Caso de Cuatro Comunidades Quichuas en la Amazonía Nororiental Ecuatoriana - *Mastozoología Neotropical* 8: p59-66.
- Zimmerman JW** 1990 - Burrow Characteristics of the Nine-banded Armadillo *Dasybus novemcinctus* - *Southwestern Naturalist* 35: p226-227.
- Zumarraga MJ, Resoagli EH, Cicuta ME, Martinez AR, Ortiz de Rott MI, Gracia de Millan S, Caimi K, Gioffre A, Alito A, Bigi F, Cataldi AA, Romano MI** 2001 - PCR-Restriction Fragment Length Polymorphism Analysis (PRA) of *Mycobacterium leprae* from Human Lepromas and from a Natural Case of an Armadillo of Corrientes, Argentina - *International Journal of Leprosy* 69: p21-25.