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I'm going to start really broad by typing in the word "bats."



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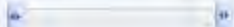
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Source Types

- All Results
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1. [Vision Impairs the Abilities of Bats to Avoid Colliding with Stationary Obstacles.](#)

By: Orbach, Dara N.; Fenton, Brook. *PLoS ONE*, 2010, Vol. 5 Issue 11, p1-7, 7p; Abstract: Background: Free-flying insectivorous **bats** occasionally collide with stationary objects they should easily detect by echolocation and avoid. Collisions often occur with lighted objects, suggesting ambient light may deleteriously affect obstacle avoidance capabilities. We tested the hypothesis that free-flying **bats** may orient by vision when they collide with some obstacles. We additionally tested whether acoustic distractions, such as "distress calls" of other **bats**, contributed to probabilities of collision.

Methodology/Principal Findings: To investigate the role of visual cues in the collisions of free-flying little brown **bats** (*Myotis lucifugus*) with stationary objects, we set up obstacles in an area of high **bat** traffic during swarming. We used combinations of light intensities and visually dissimilar obstacles to verify that **bats** orient by vision. In early August, **bats** collided more often in the light than the dark, and probabilities of collision varied with the visibility of obstacles. However, the probabilities of collisions altered in mid to late August, coincident with the start of behavioural, hormonal, and physiological changes occurring during swarming and mating. Distress calls did not distract **bats** and increase the incidence of collisions. Conclusions/Significance: Our findings indicate that visual cues are more important for free-flying **bats** than previously recognized, suggesting integration of multi-sensory modalities during orientation. Furthermore, our study highlights differences between responses of captive and wild **bats**, indicating a need for more field experiments. [ABSTRACT FROM AUTHOR]; DOI: 10.1371/journal.pone.0013912; (AN 59287738)

Subjects: BATS; BEHAVIOR; INSECTIVORES (Mammals); LITTLE brown bat; BAT sounds; VISION; ECHOLOCAATION (Physiology); VISUAL fields; SWARMING (Animals); ANIMAL behavior

Database: Academic Search Complete

The search, "bats," is so broad, we end up with over twenty-five-thousand hits.



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 bats

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25824 Results for...

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Database: Academic Search Complete

However, in the future, you will want to narrow your topic to get better results.

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Search Modes and Limiters

Source Types

Source Types

- All Results
- Academic Journals
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- Newspapers
- Books
- Book Reviews

Subject: Thesaurus Term

Subject

Publication

Publication Type

Geography

11. [Phylogeny of European Bat Lyssavirus 1 in Eptesicus isabellinus Bats, Spain.](#)
By: Vázquez-Morón, Sonia; Juste, Javier; Ibañez, Carlos; Berdano, José M.; Echevarría, Juan E..
Emerging Infectious Diseases, Mar2011, Vol. 17 Issue 3, p520-523, 4p, 1 Diagram, 1 Chart, 1 Map;
Abstract: To better understand the epidemiology of European bat lyssavirus 1 (EBLV-1) in Europe, we
phylogenetically characterized Lyssavirus from Eptesicus isabellinus bats in Spain. An independent
cluster of EBLV-1 possibly resulted from geographic isolation and association with a different reservoir
from other European strains. EBLV-1 phylogeny is complex and probably associated with host
evolutionary history. [ABSTRACT FROM AUTHOR]; DOI: 10.3201/eid1703100894; (AN 59602073)
Subjects: PHYLOGENY; LYSSAVIRUS; VESPERTILIONIDAE; BATS; EPTESICUS; SPAIN

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12. [Reassortant Group A Rotavirus from Straw-colored Fruit Bat \(Eidolon helvum\).](#)
By: Esoria, Mathew D.; Mijatovic-Rustempasic, Slavica; Corvady, Christina; Tong, Suxiang; Kuzmin,
Ivan V.; Agwanda, Bernard; Breiman, Robert F.; Banyal, Kriszban; Niezgoda, Michael; Rupprecht,
Charles E.; Gentsch, Jon R.; Bowen, Michael D.. Emerging Infectious Diseases, Dec2010, Vol. 16 Issue
12, p1844-1852, 9p, 3 Diagrams, 1 Chart, 1 Graph; Abstract: **Bats** are known reservoirs of viral
zoonoses. We report genetic characterization of a **bat** rotavirus (**Bat**/KE4852/07) detected in the feces
of a straw-colored fruit **bat** (*Eidolon helvum*). Six **bat** rotavirus genes (viral protein [VP] 2, VP6, VP7,
nonstructural protein [NSP] 2, NSP3, and NSP5) shared ancestry with other mammalian rotaviruses but
were distantly related. The VP4 gene was nearly identical to that of human P[6] rotavirus strains, and
the NSP4 gene was closely related to those of previously described mammalian rotaviruses, including
human strains. Analysis of partial sequence of the VP1 gene indicated that it was distinct from cognate
genes of other rotaviruses. No sequences were obtained for the VP3 and NSP1 genes of the **bat**
rotavirus. This rotavirus was designated G25-P[6]-115-R8(provisional)-C8 Mx-Ax-N8-T11-E2-H10.
Results suggest that several reassortment events have occurred between human, animal, and **bat**
rotaviruses. Several additional rotavirus strain were detected in **bats**. [ABSTRACT FROM AUTHOR];

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11. **Phylogeny of European Bat Lyssavirus 1 in Eptesicus isabellinus Bats, Spain.**

By: Vázquez-Marón, Soria; Juste, Javier; Ibáñez, Carlos; Bercoano, José M.; Echevarría, Juan E. Emerging Infectious Diseases, Mar 2011, Vol. 17 Issue 3, p520-523, 4p, 1 Diagram, 1 Chart, 1 Map; Abstract: To better understand the epidemiology of European **bat** lyssavirus 1 (EBLV-1) in Europe, we phylogenetically characterized Lyssavirus from *Eptesicus isabellinus* **bats** in Spain. An independent cluster of EBLV-1 possibly resulted from geographic isolation and association with a different reservoir from other European strains. EBLV-1 phylogeny is complex and probably associated with host evolutionary history. [ABSTRACT FROM AUTHOR]; DOI: 10.3201/eid1703100894; [4W.5960.2073] Subjects: PHYLOGENY; LYSSAVIRUS; YESPRTLIONIDAE; BATS; EPTESICUS; SPAIN

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12. **Reassortant Group A Rotavirus from Straw-colored Fruit Bat (*Eidolon helvum*).**

By: Esona, Mathew D.; Mijatovic-Rustempasic, Slavica; Conrardy, Christina; Tong, Suxiang; Kuzmin, Ivan V.; Agwanda, Bernard; Breiman, Robert F.; Banyar, Krisztian; Niezgoda, Michael; Rupprecht, Charles E.; Gentsch, Jon R.; Bowen, Michael D. Emerging Infectious Diseases, Dec 2010, Vol. 16 Issue 12, p1844-1852, 9p, 3 Diagrams, 1 Chart, 1 Graph; Abstract: **Bats** are known reservoirs of viral zoonoses. We report genetic characterization of a **bat** rotavirus (**Bat**/KE4852/07) detected in the feces of a straw-colored fruit **bat** (*Eidolon helvum*). Six **bat** rotavirus genes (viral protein [VP] 2, VP6, VP7, nonstructural protein [NSP] 2, NSP3, and NSP5) shared ancestry with other mammalian rotaviruses but were distantly related. The VP4 gene was nearly identical to that of human P[6] rotavirus strains, and the NSP4 gene was closely related to those of previously described mammalian rotaviruses, including human strains. Analysis of partial sequence of the VP1 gene indicated that it was distinct from cognate genes of other rotaviruses. No sequences were obtained for the VP3 and NSP1 genes of the **bat** rotavirus. This rotavirus was designated G25-P[6]-115-R8(provisional)-C8 Mx-Ax-NB-T11-E2+10. Results suggest that several reassortment events have occurred between human, animal, and **bat** rotaviruses. Several additional rotavirus strain were detected in **bats**. [ABSTRACT FROM AUTHOR];

You have "Refine your results," "Source Types," as well as other limiters further down.

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11. **Phylogeny of European Bat Lyssavirus**
By: Vázquez-Morón, Sonia; Aste, Javier; Iturriz-Gomara, Iñaki
Emerging Infectious Diseases, Mar 2011, Vol. 17, No. 3
Abstract: To better understand the epidemiology and evolutionary history of phylogenetically characterized Lyssavirus from Europe, a cluster of EBLV-1 possibly resulted from geographic spread from other European strains. EBLV-1 phylogeny is discussed in its evolutionary history. [ABSTRACT FROM AUTHOR]
Subject: PHYLOGENY; LYSSAVIRUS; VESPERTE VULPES

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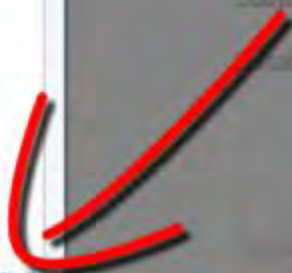
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By: Vázquez-Merín, Sergio; Juste, Javier; Izquierdo, María; et al. (2011). *Emerging Infectious Diseases*, Mar 2011, Vol. 17, No. 3, pp. 411-418. Abstract: To better understand the epidemiology and evolution of phylogenetically characterized Lyssavirus from Europe, we analyzed a cluster of EBLV-1 possibly resulted from geographic spread from other European strains. EBLV-1 phylogeny is evolutionarily heterogeneous. [ABSTRACT FROM AUTHOR]
Subjects: PHYLOGENETICS; LYSSAVIRUS; VESPERTILIONIDAE
Database: Academic Search Complete



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Source Types

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Academic Journals

Subject: Thesaurus Term

Subject

Publication

Geography

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larineally echolocating **bats**, the proximal end of the stylohyal bone directly articulates with the tympanic bone and is often fused with it. Previous research on the morphology of the stylohyal bone in the oldest known fossil **bat** (*Ornychonycteris finneyi*) suggested that it did not echolocate, but our findings suggest that *O. finneyi* may have used laryngeal echolocation because its stylohyal bones may have articulated with its tympanic bones. The present findings reopen basic questions about the timing and the origin of flight and echolocation in the early evolution of **bats**. Our data also provide an independent anatomical character by which to distinguish laryngeally echolocating **bats** from other **bats**. [ABSTRACT FROM AUTHOR]; DOI: 10.1038/nature06737; (*AN 49141473*)

Subjects: BAT sounds; ECHOLOCAION (Physiology); ANIMAL orientation; SONAR; PTEROPODIDAE; SOUNDS; BONE; MIDDLE ear; LARYNX – Muscles; Other Sound Recording Industries

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2. [Mammala, Chiroptera, Vespertilionidae: Filing hibernacula distribution gaps for cave roosting **bats** from Iowa \(U.S.A.\).](#)

By: Dixon, Joseph W.. *CheckList*, Oct2010, Vol. 6 Issue 4, p511-514, 4p; Abstract: Adequate roost sites for hibernacula are an important factor in the distribution and abundance of temperate **bat** species and knowledge of specific hibernacula is necessary to make sound management decisions. Caves are recognized as one of the most important roosting sites for **bats**, yet surveys in caves are uncommon in North America. This paper presents data on the distribution and abundance of **bats** hibernating in Iowa (U.S.A.) caves and includes new hibernacula records. These are the first published records of **bats** in Iowa caves in almost 25 years. [ABSTRACT FROM AUTHOR]; (*AN 60825447*)

Subjects: MAMMALS; BATS; VESPERTILIONIDAE; ANIMALS – Habitats; ANIMAL species; ZOOLOGICAL surveys; HIBERNACULA (Animal habitations)

Database: Academic Search Complete

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Subject Thesaurus Term

BATS

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2. [Mammala, Chiroptera, Vespertilionidae: Filling hibernacula distribution gaps for cave roosting **bats** from Iowa \(U.S.A.\).](#)

By: Dixon, Joseph W.. CheckList, Oct2010, Vol. 6 Issue 4, p511-514, 4p; Abstract: Adequate roost sites for hibernacula are an important factor in the distribution and abundance of temperate **bat** species and knowledge of specific hibernacula is necessary to make sound management decisions. Caves are recognized as one of the most important roosting sites for **bats**, yet surveys in caves are uncommon in North America. This paper presents data on the distribution and abundance of **bats** hibernating in Iowa (U.S.A.) caves and includes new hibernacula records. These are the first published records of **bats** in Iowa caves in almost 25 years. [ABSTRACT FROM AUTHOR]; (*AN 60825447*)

Subjects: MAMMALS; BATS; VESPERTILIONIDAE; ANIMALS – Habitats; ANIMAL species; ZOOLOGICAL surveys; HIBERNACULA (Animal habitations)

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larineally echolocating **bats**, the proximal end of the stylohyal bone directly articulates with the tympanic bone and is often fused with it. Previous research on the morphology of the stylohyal bone in the oldest known fossil **bat** (*Ornychonycteris finneyi*) suggested that it did not echolocate, but our findings suggest that *O. finneyi* may have used laryngeal echolocation because its stylohyal bones may have articulated with its tympanic bones. The present findings reopen basic questions about the timing and the origin of flight and echolocation in the early evolution of **bats**. Our data also provide an independent anatomical character by which to distinguish laryngeally echolocating **bats** from other **bats**. [ABSTRACT FROM AUTHOR]; DOI: 10.1038/nature06737; (*AN 4914147*)

Subjects: BAT sounds; ECHOLOCAION (Physiology); ANIMAL orientation; SONAR; PTEROPODIDAE; SOUNDS; BONE; MIDDLE ear; LARYNX – Muscles; Other Sound Recording Industries

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By: Dixon, Joseph W.. *CheckList*, Oct2010, Vol. 6 Issue 4, p511-514, 4p; Abstract: Adequate roost sites for hibernacula are an important factor in the distribution and abundance of temperate **bat** species and knowledge of specific hibernacula is necessary to make sound management decisions. Caves are recognized as one of the most important roosting sites for **bats**, yet surveys in caves are uncommon in North America. This paper presents data on the distribution and abundance of **bats** hibernating in Iowa (U.S.A.) caves and includes new hibernacula records. These are the first published records of **bats** in Iowa caves in almost 25 years. [ABSTRACT FROM AUTHOR]; (*AN 60825447*)

Subjects: MAMMALS; BATS; VESPERTILIONIDAE; ANIMALS – Habitats; ANIMAL species; ZOOLOGICAL surveys; HIBERNACULA (Animal habitats)

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1. [Bats from the Restinga of Praia das Neves, state of Espírito Santo Southeastern Brazil.](#)

By [Lins, Júlia](#); [Costa, Luciana de Moraes](#); [Lourenço, Elizabete](#) [Captive](#); [Gomes, Luiz Antonio](#) [Costa](#); [Berard, Carlos Eduardo](#) [Lustosa](#). *Checklist*, Apr2009, vol. 5 Issue 2, p364-369, 5p, 1 Chart; Abstract: Studies on **bat** richness and diversity in coastal sand dunes (restinga) are still scarce. Therefore, the objectives of the present study were to estimate **bat** richness in the restinga of Praia das Neves (state of Espírito Santo, southeastern Brazil) and to analyze species abundance. Ten sampling nights were carried out in May and July 2008, resulting in a sampling effort of 21,847.5 h.m². We captured 125 individuals from 17 **bat** species. In this study, *Tonatia saurophila* was recorded for the first time not only in the state of Espírito Santo but also in the restinga ecosystem. The most abundant species was *Artibeus lituratus* with 32% of all captures. Surveys in coastal restingas are urgently needed in order to obtain more information about the **bats** living in this environment. [ABSTRACT FROM AUTHOR]; (AV 44453865)

Subjects: BATS; RESEARCH; TONATIA; BIODIVERSITY; ANIMAL species; ANIMAL diversity; ANIMAL populations; SAND dunes; ECOSYSTEM management; ESPIRITO Santo (Brazil : State); BRAZIL

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1. [Bats from the Restinga of Praia das Neves, Brazil.](#)

By: Luz, Júlia Lins; Costa, Luciana de Moraes; Loureiro, Esbérard, Carlos Eduardo Lustosa. CheckList, April 2011, Vol. 5, No. 1, pp. 1-10. Abstract: Studies on **bat** richness and diversity in the Restinga of Praia das Neves. Therefore, the objectives of the present study were to describe the bat fauna of Praia das Neves (state of Espírito Santo, southeastern Brazil). Sampling nights were carried out in May and July 2010.

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By: Luz, Júlia Lins; Costa, Luciana de Moraes; Loureiro, Esbérard, Carlos Eduardo Lustosa. CheckList, April 2011, Vol. 5, No. 1, pp. 1-10. Abstract: Studies on **bat** richness and diversity in Restinga de Praia das Neves. Therefore, the objectives of the present study were to describe the bat fauna of Praia das Neves (state of Espírito Santo, southeastern Brazil). Sampling nights were carried out in May and July 2010.



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By: Sandoval, María Leonor; Sánchez, Mariano S.: 1, p64-70, 7p, 1 Chart, 2 Maps; Abstract: We report on the geographic distribution of **bats** from 15 genera and three of the four families (Molossidae, Molossidae, and Molossidae). Sixty one new distributional records were recorded from the Puna, Monte of mountains and valleys, Fields and Weedlands, and Paranean forests ecoregion.

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