

Guayaquil, Guayas Province, Western ECUADOR

Mammals of Cerro Blanco Protected Forest

1

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Photos: Jaime A. Salas (JAS), Ronald Bravo-Salinas (RB-S), Leonardo Álava (LA), Benjamín Navas (BN), Fundación Pro-Bosque (FPB), Camila Rodríguez Ruiz (CRR).
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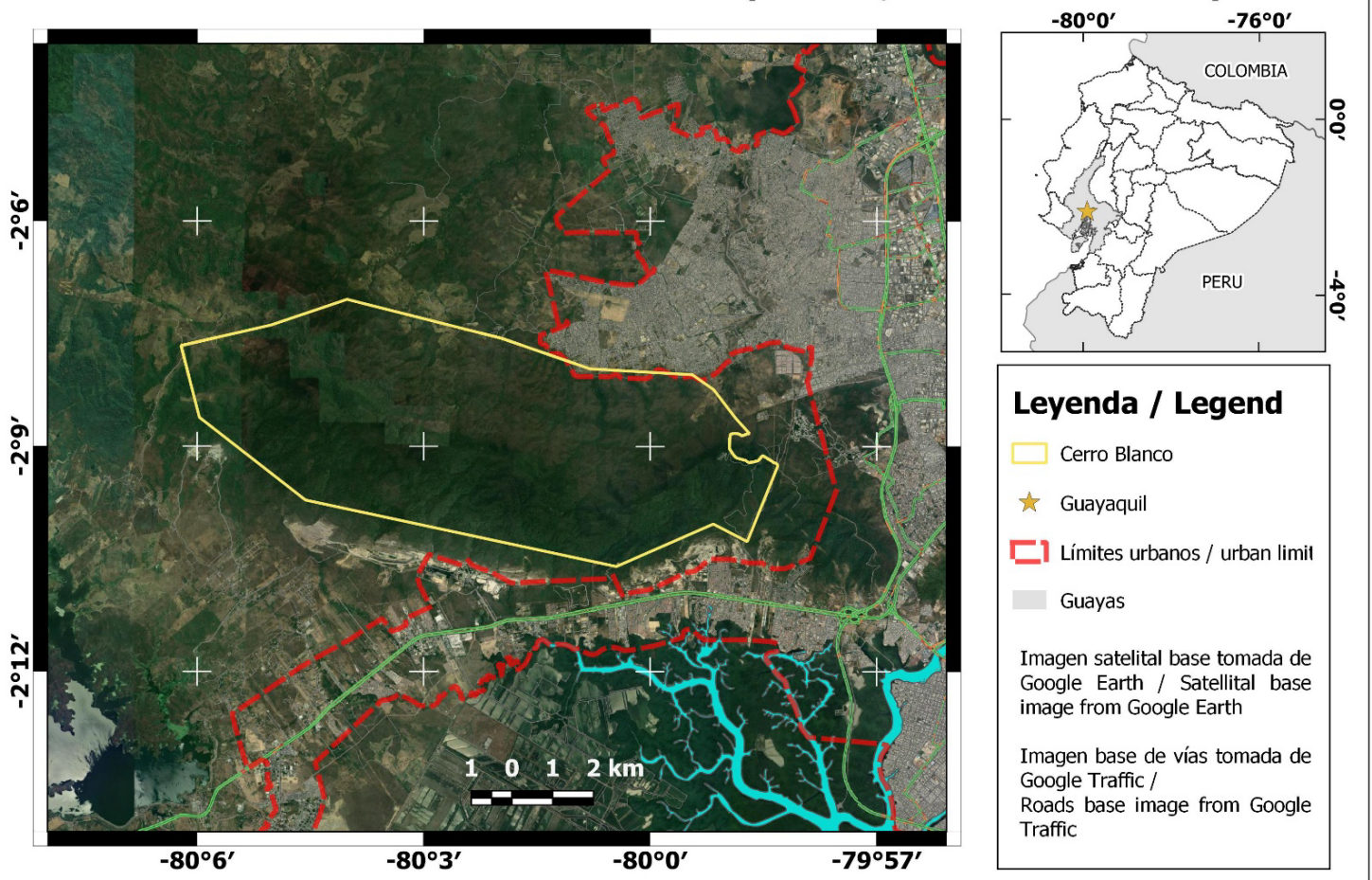
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BOSQUE PROTECTOR CERRO BLANCO (GUAYAS, OCCIDENTE DE ECUADOR) / CERRO BLANCO PROTECTED FOREST (GUAYAS, WESTERN ECUADOR)



1 Map of Cerro Blanco Protected Forest, located in Guayaquil, Guayas province, Ecuador (WGS 84, 17 S zone). Green lines correspond to principal roads, the estuaries are represented in turquoise



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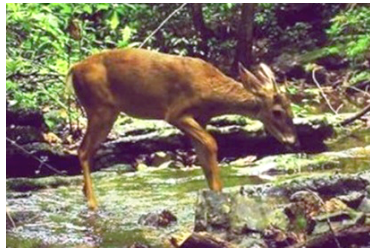
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2 *Mazama gualea* (E/EN)
CERVIDAE
Gualea red brocket
BN



3 *Odocoileus virginianus peruvianus* (EN)
CERVIDAE
White-tailed deer
BN



4 *Dicotyles tajacu* (VU)
TAYASSUIDAE
Collared peccary
BN



5 *Herpailurus yagouaroundi* (VU)
FELIDAE
Jaguarundi
BN



6 *Herpailurus yagouaroundi* (VU)
FELIDAE
Jaguarundi
BN



7 *Leopardus pardalis* (VU)
FELIDAE
Ocelot
BN



8 *Leopardus wiedii* (VU)
FELIDAE
Margay
BN



9 *Panthera onca* (CR)
FELIDAE
Jaguar
FPB



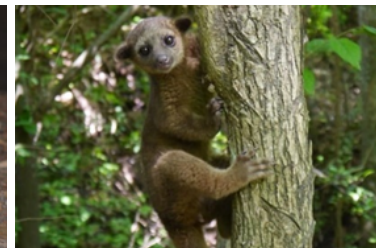
10 *Eira barbara*
MUSTELIDAE
Tayra
BN



11 *Galictis vittata* (DD)
MUSTELIDAE
Greater grison
BN



12 *Nasua nasua manium* (VU)
PROCYONIDAE
South american coati
RB-S



13 *Potos flavus modestus* (VU)
PROCYONIDAE
Kinkajou
FPB



14 *Procyon cancrivorus aequatorialis* (NT)
PROCYONIDAE
Crab-eating raccoon
BN



15 *Saccopteryx bilineata*
EMBALLONURIDAE
Greater sac-winged bat
LA



16 *Cynomops kuizha* (VU)
MOLOSSIDAE
Awa dog-faced bat
JAS



17 *Molossus molossus*
MOLOSSIDAE
Common mastiff bat
LA

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18 *Noctilio leporinus*
NOCTILIONIDAE
Greater bulldog bat

LA



19 *Artibeus aequatorialis*
PHYLLOSTOMIDAE
Ecuadorian fruit-eating bat

LA



20 *Artibeus fraterculus*
PHYLLOSTOMIDAE
Fraternal fruit-eating bat

RB-S



21 *Artibeus lituratus*
PHYLLOSTOMIDAE
Great fruit-eating bat

RB-S



22 *Carollia brevicauda*
PHYLLOSTOMIDAE
Silky short-tailed bat

RB-S



23 *Carollia castanea*
PHYLLOSTOMIDAE
Silky short-tailed bat

LA



24 *Chiroderma villosus jesupi* (VU)
PHYLLOSTOMIDAE
Hairy big-eyed bat

LA



25 *Chrotopterus auritus* (EN)
PHYLLOSTOMIDAE
Woolly false vampire bat

JAS



26 *Desmodus rotundus*
PHYLLOSTOMIDAE
Common vampire bat

LA



27 *Enchisthenes hartii*
PHYLLOSTOMIDAE
Velvety fruit-eating bat

RB-S



28 *Glossophaga valens*
PHYLLOSTOMIDAE
Ecuadorian long-tongued bat

LA



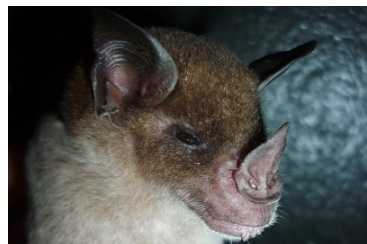
29 *Lophostoma occidentale* (NT)
PHYLLOSTOMIDAE
Western round-eared bat

JAS



30 *Micronycteris megalotis*
PHYLLOSTOMIDAE
Little big-eared bat

LA



31 *Phyllostomus discolor verrucosus*
PHYLLOSTOMIDAE
Pale spear-nosed bat

LA



32 *Phyllostomus hastatus*
PHYLLOSTOMIDAE
Greater spear-nosed bat

LA



33 *Platyrrhinus matapalensis* (VU)
PHYLLOSTOMIDAE
Matapalo broad-nosed bat

JAS

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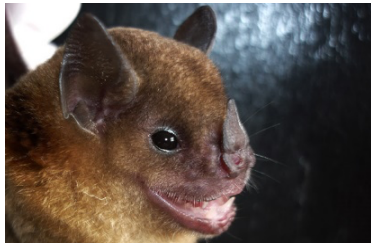
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34 *Sturnira bakeri*
PHYLLOSTOMIDAE
Baker's yellow shouldered bat

LA



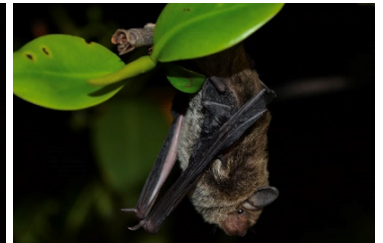
35 *Uroderma convexum*
PHYLLOSTOMIDAE
Pacific tent-making bat

JAS



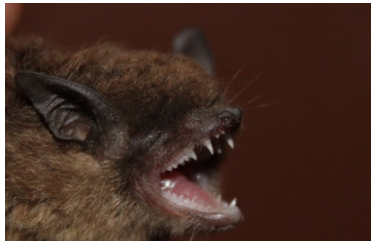
36 *Neoptesicus innoxius* (VU)
VESPERTILIONIDAE
Harmless serotine

JAS



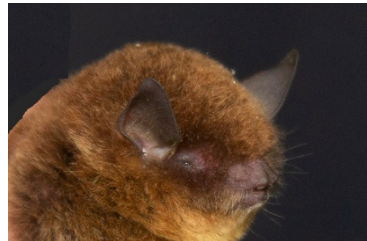
37 *Myotis albescens*
VESPERTILIONIDAE
Silver-tipped myotis

LA



38 *Myotis diminutus*
VESPERTILIONIDAE
Diminutive myotis

LA



39 *Myotis moratellii*
VESPERTILIONIDAE
Moratelli's myotis

JAS



40 *Rhogeessa velilla* (VU)
VESPERTILIONIDAE
Ecuadorian little yellow bat

JAS



41 *Dasypus fenestratus*
DASYPODIDAE
Western andean long-nosed armadillo

LA



42 *Didelphis marsupialis*
DIDELPHIDAE
Common black-eared opossum

LA



43 *Marmosa simonsi* (NT)
DIDELPHIDAE
Simons' mouse opossum

RB-S



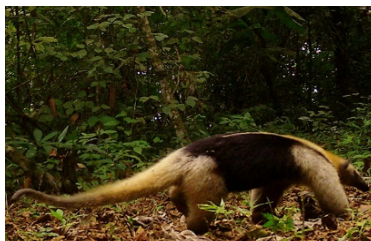
44 *Sylvilagus daulensis* (E/NT)
LEPORIDAE
Daule tapeti

BN



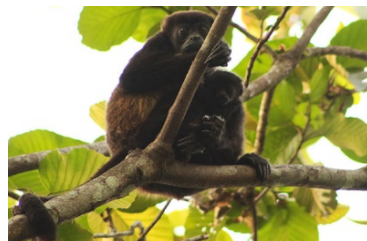
45 *Choloepus hoffmanni capitalis* (VU)
MEGALONYCHIDAE
Hoffmann's two-toed sloth

RB-S



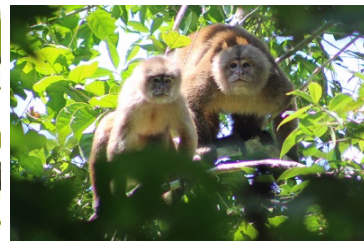
46 *Tamandua mexicana* (EN)
MYRMECOPHAGIDAE
Northern tamandua

BN



47 *Alouatta palliata* (CR)
ATELIDAE
Mantled howler monkey

RB-S



48 *Cebus aequatorialis* (CR)
CEBIDAE
Ecuadorian white-fronted capuchin

RB-S



49 *Aegialomys baroni* (NT)
CRICETIDAE
Baron's aegialomys

RB-S

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50 *Aegialomys xantheolus*
CRICETIDAE
Yellowish aegialomys

RB-S



51 *Sigmodon peruanus* (NT)
CRICETIDAE
Peruvian cotton rat

CRR



52 *Rhipidomys latimanus*
CRICETIDAE
Broad-footed climbing rat

RB-S



53 *Cuniculus paca* (NT)
CUNICULIDAE
Lowland paca

BN



54 *Dasyprocta punctata*
DASYPROCTIDAE
Black agouti

RB-S



55 *Proechimys decumanus* (NT)
ECHIMYIDAE
Pacific spiny rat

RB-S



56 *Simosciurus stramineus* (E/DD)
SCIURIDAE
Guayaquil squirrel

RB-S



57 Survey of bats using mist nets by Jaime Salas



58 Capture, handling and identification of bats by Leonardo Álava

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59 Review of camera traps for survey of medium and large-mammals by Benjamín Navas



60 Survey of marsupials and small rodents using Sherman and tomahawk traps by Ronald Bravo-Salinas



61 Panoramic view of the dry forest from the upper part of the Cónдор ravine in the Cerro Blanco Protected Forest during the dry season

BN



62 Panoramic view of the dry forest from the upper part of the Cónдор ravine in the Cerro Blanco Protected Forest during the rainy season

LA

Guayaquil, Guayas Province, Western ECUADOR

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63 Canoe stream during the dry season in the Cerro Blanco Protected Forest

BN



64 Jaguar ravine during rainy season in Cerro Blanco Protected Forest

RB-S



65 Ceibo (*Ceiba trichistandra*: Malvaceae) observed during the dry season on the Buena Vista trail in the Cerro Blanco Protected Forest

RB-S



66 Ceibo (*Cavanillesia platanifolia*: Malvaceae) observed during the rainy season on the Buena Vista trail in the Cerro Blanco Protected Forest

BN

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Mammals species not illustrated but recorded in Cerro Blanco

Order	Family	Species	Nombre común / English common name	Source
Chiroptera	Molossidae	<i>Eumops wilsoni</i>	Murciélago de bonete de Wilson / Wilson's Bonneted Bat	Baker et al., (2009), Carrera et al., (2010)
Chiroptera	Molossidae	<i>Molossus bondae</i>	Murciélago mastín de Bonda / Bonda Mastiff Bat	Carrera et al., (2010)
Chiroptera	Phyllostomidae	<i>Micronycteris simmonsae</i>	Murciélago orejudo de Simmons / Simmons' Big-eared Bat	Siles & Baker, (2020)

Mammal species likely to occur in Cerro Blanco based on records from nearby localities and similar ecosystems along the Ecuadorian coast

Order	Family	Species	Nombre común / English common name	Source
Carnivora	Canidae	<i>Lycalopex sechurae</i>	Zorro de Sechura / Sechuran Fox	Salas et al., (2024) / Vargas-González et al., (2026)
Carnivora	Mustelidae	<i>Lontra annectens</i>	Nutria neotropical occidental / Western Neotropical Otter	Barros-Díaz et al., (2023) / Torres-Dominguez et al., (2022)
Carnivora	Felidae	<i>Puma concolor</i>	Puma / Puma	Salas et al., (2024)
Chiroptera	Phyllostomidae	<i>Gardnerycteris keenani</i>	Murciélago rayado del Pacífico / Pacific Striped Bat	Hurtado & D'Elia, (2018)
Chiroptera	Phyllostomidae	<i>Promops davisoni</i>	Murciélago crestado de Davison / Davison's Crested Mastiff Bat	Baquerizo & Salas, (2021)
Chiroptera	Phyllostomidae	<i>Vampyrus spectrum</i>	Murciélago espectral / Spectral Bat	Carrera et al., (2010)
Chiroptera	Molossidae	<i>Nyctinomops macrotis</i>	Murciélago grande de cola libre / Big Free-tailed Bat	Baquerizo & Salas, (2021)
Chiroptera	Furipteridae	<i>Amorphochilus schnabli</i>	Murciélago ahumado / Smoky Bat	Tirira, (2017)
Chiroptera	Molossidae	<i>Cabreramops aequatorianus</i>	Murciélago de cola libre de Cabrera / Cabrera's Free-tailed Bat	Tirira, (2017)
Chiroptera	Emballonuridae	<i>Diclidurus albus</i>	Murciélago blanco común / Common Ghost Bat	Tirira, (2017)
Didelphimorphia	Didelphidae	<i>Philander melanurus</i>	Zarigüeya de cuatro ojos de cola oscura / Dark-tailed Four-eyed Opossum	Torres-Dominguez et al., (2022)
Rodentia	Cricetidae	<i>Casiomys alfaroi</i>	Ratón de Alfaro / Alfaro's Mouse	Weksler et al., (2015) / Brito et al., (2023)
Rodentia	Cricetidae	<i>Melanomys caliginosus</i>	Ratón moreno / Dusky Mouse	Weksler et al., (2015) / Brito et al., (2023)
Rodentia	Cricetidae	<i>Oecomys bicolor</i>	Rata arborícola de vientre blanco común / Common White-bellied Arboreal Rat	Weksler et al., (2015) / Brito et al., (2023)
Rodentia	Cricetidae	<i>Transandinomys talamancae</i>	Ratón transandino de Talamanca / Talamanca Transandean Mouse	Weksler et al., (2015) / Brito et al., (2023)
Rodentia	Sciuridae	<i>Syntheosciurus granatensis</i>	Ardilla de cola roja / Red-tailed Squirrel	Barros-Díaz et al., (2023)

Introduced mammals in Cerro Blanco

Order	Family	Species	Nombre común / English common name	Source
Artiodactyla	Bovidae	<i>Bos taurus</i>	Ganado doméstico / Domestic Cattle	Barros-Díaz et al., (2023)
Carnivora	Canidae	<i>Canis familiaris</i>	Perro doméstico / Domestic Dog	Salas et al., (2022), Barros-Díaz et al., (2023)
Carnivora	Felidae	<i>Felis catus</i>	Gato doméstico / Domestic Cat	Barros-Díaz et al., (2023)
Perissodactyla	Equidae	<i>Equus caballus</i>	Caballo doméstico / Domestic Horse	Barros-Díaz et al., (2023)
Rodentia	Muridae	<i>Mus musculus</i>	Ratón doméstico / House Mouse	Bravo-Salinas et al., (2021)
Rodentia	Muridae	<i>Rattus rattus</i>	Rata doméstica / House Rat	Bravo-Salinas et al., (2021)

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Mammals of Cerro Blanco Protected Forest

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Legend: Endemic: (E) **Threat categories** (Tirira 2021): Critically Endangered (CR), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Data Deficient (DD)



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