

Eyelashes divert flows to protect eye: Supplementary Information

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Velocity Field Verification

Fig.S1 shows the velocity fields for coarse and fine grids for comparison. The fine grid is 1.5 times more dense.

Animal Eyelashes

Table 1 shows tabulated data for eye and eyelash dimensions of 22 mammal species. This data was gathered at the American Museum of Natural History and Brodericks Head Taxidermy shop. Walking speeds were obtained from literature [1–8].

Table 2 shows tabulated data for our extensive investigation to determine which families of mammals have species with eyelashes.

References

- [1] Wroot, A. J. *Feeding ecology of the European hedgehog *Erinaceus europaeus**. (Royal Holloway, University of London, 1984).
- [2] Seipel, S. & Seipel, T. *Giant Anteaters* (Lerner Publications, 2008).
- [3] O'Neill, M. C. Gait-specific metabolic costs and preferred speeds in ring-tailed lemurs (*Lemur catta*), with implications for the scaling of locomotor costs. *American Journal of Physical Anthropology* **149**, 356–364 (2012).
- [4] Parchman, A. J., Reilly, S. M. & Biknevicius, A. R. Whole-body mechanics and gaits in the gray short-tailed opossum *Monodelphis domestica*: integrating patterns of locomotion in a semi-erect mammal. *Journal of Experimental Biology* **206**, 1379–1388 (2003).
- [5] San Diego Zoo. Giant panda, *Ailuropoda melanoleuca* (2011). URL http://library.sandiegozoo.org/factsheets/giant_panda/panda.htm.
- [6] Sockol, M. D., Raichlen, D. A. & Pontzer, H. Chimpanzee locomotor energetics and the origin of human bipedalism. *Proceedings of the National Academy of Sciences* **104**, 12265–12269 (2007).
- [7] Dumont, B., Dutronc, A. & Petit, M. How readily will sheep walk for a preferred forage? *Journal of Animal Science* **76**, 965–971 (1998).
- [8] Yousef, M., Webster, M. & Yousef, O. Energy costs of walking in camels, *Camelus dromedarius*. *Physiological Zoology* 1080–1088 (1989).

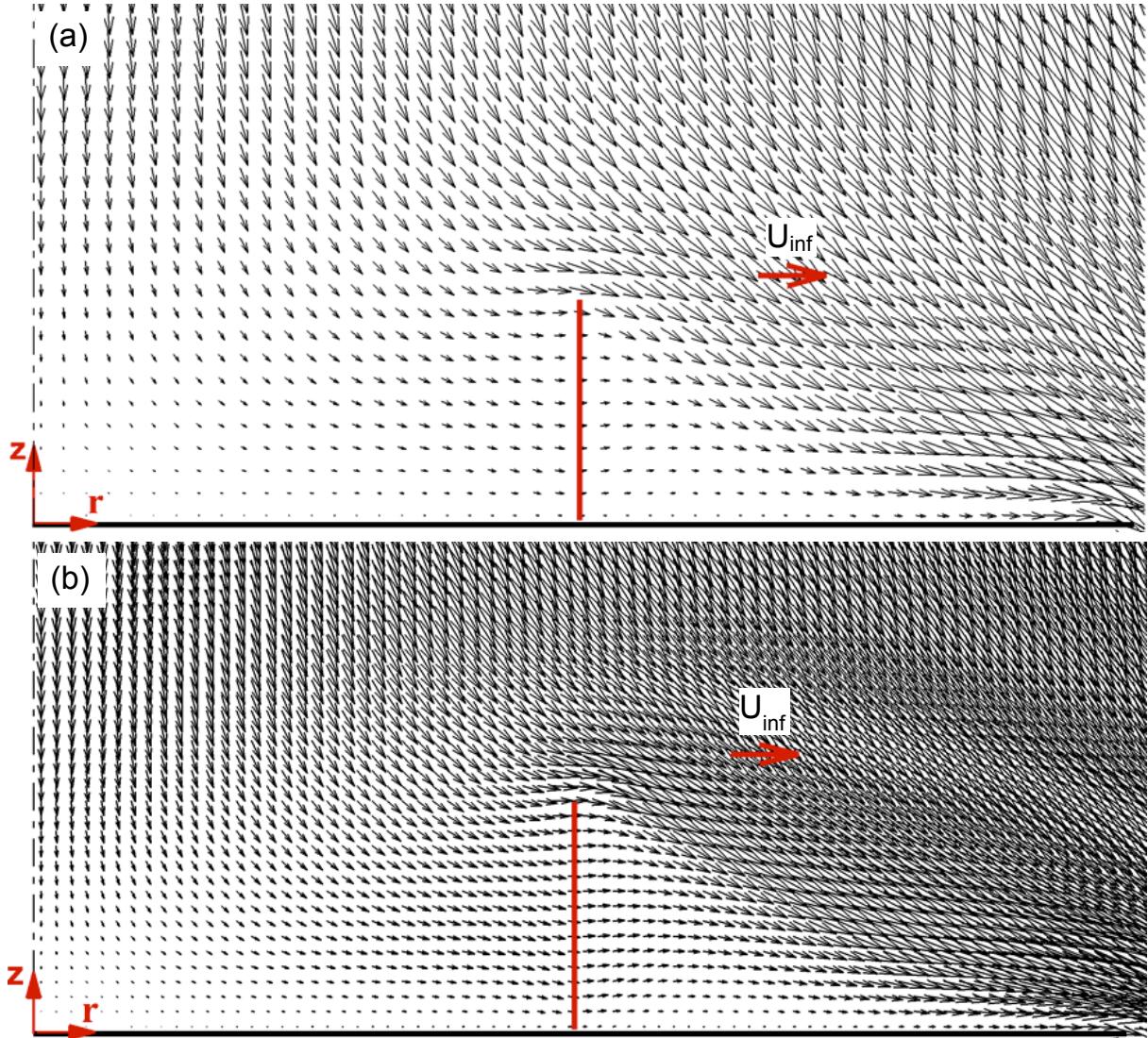


Figure S1: Velocity fields around the eyelashes at $Re = 250$, $\phi = 0.5$, $L/W = 0.2$. (a) Coarse grid. (b) Fine grid. Here, $U_{inf} = ar$ is the free stream radial velocity.

Table 1: Tabulated eyelash data for mammals.

Species	Common name	Eye width <i>W</i> (cm)	Eyelash length <i>L</i> (cm)	Walking Speed <i>V</i> (m/s)	Reynolds number	Eyelash Diameter <i>d</i> (cm)
<i>Dasypus novemcinctus</i>	Nine-banded armadillo	0.57	0.13	0.15	54	
<i>Erinaceus amurensis</i>	Amur hedgehog	0.39	0.23	0.05	12	
<i>Tamandua mexicana</i>	Northern tamandua (Anteater)	0.74	0.23	0.22	100	0.006
<i>Petrodromus tetradactylus</i>	Elephant shrew	0.58	0.41			
<i>Tamandua mexicana</i>	Northern tamandua (Anteater)	0.52	0.33	0.05	16	0.008
<i>Eulemur fulvus</i>	Red-fronted lemur	1.08	0.43	0.50	340	0.005
<i>Didelphis virginiana</i>	Virginia opossum	0.72	0.24	0.64	290	0.008
<i>Erethizon dorsatum</i>	Porcupine	0.70	0.36			0.008
<i>Ailurus fulgens</i>	Red panda	1.52	0.32			0.010
<i>Lepus californicus</i>	Black-tailed jack rabbit	0.92	0.61			0.004
<i>Taxidea taxus</i>	American badger	1.75	0.42			0.008
<i>Aeluropus melanoleuca</i>	Panda	1.89	0.60	0.69	830	
<i>Herpailurus yaguarondi</i>	Small cat or Jaguarundi	1.98	0.38			0.008
<i>Pan troglodytes</i>	Chimpanzee	1.98	0.47	1.00	1200	0.010
<i>Ovis ammon</i>	Gobi argali (Wild sheep)	2.02	0.95	1.29	1600	0.008
<i>Camelus dromedarius</i>	Camel	2.20	0.76	1.12	1500	
<i>Uncia uncia</i>	Snow leopard	2.41	0.89			0.010
<i>Puma concolor</i>	Cougar	2.54	0.86	4.47	7100	0.010
<i>Tapirus bairdii</i>	Baird's tapir	2.60	1.21			0.010
<i>Lycaon pictus</i>	African wild dog	2.64	0.76			0.011
<i>Pan troglodytes</i>	Chimpanzee	2.79	0.70	1.00	1800	0.010
<i>Sus scrofa</i>	Wild boar	2.92	0.80			0.020
<i>Giraffa camelopardalis</i>	Giraffe	2.93	1.47			
<i>Macropus rufus</i>	Red kangaroo	3.09	0.67			0.014
<i>Giraffa camelopardalis</i>	Giraffe	4.08	1.66			

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<i>Macropus rufus</i>	Red kangaroo	3.09	0.67
<i>Giraffa camelopardalis</i>	Giraffe	4.08	1.66

Table 2: Tabulated data for presence of eyelashes for mammals.

Proper Name (Family)	Common Name (Example)	Has eyelashes/fur	Photo
<i>Abrocomidae</i>	Chinchilla rats or chinchillones	Yes, there's fur	http://farm3.staticflickr.com/2458/3658723390_70176803dc_o.jpg
<i>Aplodontiidae</i>	Mountain beaver	Yes, there's fur	https://www.mountainvalleyliving.com/online/wp-content/uploads/2010/01/bigstockphoto_Beaver_2812482.jpg
<i>Castoridae</i>	North American beaver	Yes, there's fur	http://ferrebeekeeper.files.wordpress.com/2011/06/castor-fiber.jpg
<i>Nycteridae</i>	Hollow-faced bats	Yes, there's fur	http://en.academic.ru/pictures/enwiki/78/Nycteris_thebaica.jpg
<i>Phyllostomidae</i>	Leaf-nosed bats	Yes, there's fur	http://cdn1.arkive.org/media/1D/1D7B10F1-F155-4A5F-A630-218BBA6223FF/Presentation.Large/Shield-nosed-leaf-nosed-bat-with-wings-visible.jpg
<i>Prinonodontidae</i>	Banded linsang	Yes, there's fur	http://photos.zoochat.com/large/8a_0278-205341.jpg
<i>Solenodontidae</i>	Cuban solenodon	Yes, there's fur	http://news.bbcimg.co.uk/media/images/63953000/jpg/_63953547_solenodon.jpg
<i>Thryonomyidae</i>	Cane rats	Yes, there's fur	http://writersthinkingallowed.files.wordpress.com/2012/10/cane.jpg
<i>Dasyproctidae</i>	Acouchis	Yes, there's fur	http://farm3.staticflickr.com/2106/2439301067_f96493bef1_o.jpg
<i>Callitrichidae</i>	Marmosets and tamarins	Yes, there's fur	TAMARIN: http://farm6.staticflickr.com/5053/5510281132_6d28dfb29a_o.jpg MARMOSET: http://www.robertodemicheli.com/album_test/Wildlife/Misc/slides/_MG_3583.jpg
<i>Caviidae</i>	Domestic guinea pig, wild cavies, and the capybara	Yes, there's fur	https://upload.wikimedia.org/wikipedia/commons/8/8c/Guinea_Pig_35.jpg
<i>Chinchillidae</i>	Chinchillas	Yes, there's fur	http://www.chincare.com/IMAGES/healthmed/cataract.jpg
<i>Cricetidae</i>	Voles	Yes, there's fur	http://www.eastrocklandscape.com/field_vole.jpg
<i>Ctenodactylidae</i>	Gundis or comb rats	Yes, there's fur	http://photos.zoochat.com/large/gundi_stuttgart_6th_september_2010-122957.jpg
<i>Ctenomyidae</i>	Tuco-tuco	Yes, there's fur	http://www.fotonaturaleza.cl/data/media/2/IMG_0946cropf9.jpg
<i>Cyclopedidae</i>	Silky anteater	Yes, there's fur	https://lh4.googleusercontent.com/-SCEbIXEUFKY/SmEuZw9iJI/AAAAAAAABsw/rMCj5xH2gfo/IMG_0519.JPG
<i>Cynocephalidae</i>	Colugos	Yes, there's fur	http://daddu.net/wp-content/uploads/2010/02/Colugo-view.jpg
<i>Daubentonidae</i>	Aye-aye (Lemur)	Yes, there's fur	http://i3.ytimg.com/vi/jHs5POy8-8Y/maxresdefault.jpg
<i>Dinomyidae</i>	Pacarana	Yes, there's fur	http://www.machupicchu360.org/machu-picchu-peru/photo-gallery-machu-picchu/fotos_fauna/machu-picchu-fotos-19c.jpg
<i>Dipodidae</i>	Jumping mice	Yes, there's fur	http://www2.ohiodnr.com/portals/wildlife/Species%20and%20Habitats/Species%20Guide%20Index/Images/housemouse.jpg
<i>Echimyidae</i>	Neotropical spiny rats	Yes, there's fur	http://en.wikipedia.org/wiki/Echimyidae#mediaviewer/File:Hoplomys_gymnurus2.jpg
<i>Emballonuridae</i>	Ghost bat	Yes, there's fur	http://25.media.tumblr.com/tumblr_lzzktm0iF01qga09po1_500.jpg

<i>Eupleridae</i>	Fossa	Yes, there's fur	http://photos.zoochat.com/large/fossa_sandwich_30th_april_2011-143698.jpg
<i>Felidae</i>	Tiger	Yes, there's fur	http://i25.photobucket.com/albums/c59/telyse3/351Tiger_Eyesx.jpg
<i>Furipteridae</i>	Smokey Bat	Yes, there's fur	http://www.milbourne.net/HOSTEDSITES/blagdonlakebirds/Assets/myimages/1DS14052%20Whiskered%20Bat,%20Butcombe%20Bank,%20Blagdon%20Lake.JPG
<i>Galagidae</i>	Bushbabies	Yes, there's fur	http://www.animalpictures123.org/wp-content/uploads/2012/06/Demidoffs-Bush-Baby.jpg
<i>Geomysidae</i>	Pocket gophers	Yes, there's fur	http://farm6.staticflickr.com/5110/5597131228_80ee407e6f_o.jpg
<i>Gliridae</i>	Dormouse	Yes, there's fur	http://www.devon.gov.uk/dormouse.jpg
<i>Heteromyidae</i>	Kangaroo rats	Yes, there's fur	http://rmbo.org/v3/Portals/0/Images/Blog%20feature%20stories/12-10-17%20Ord's%20Kangaroo%20Rat.jpg
<i>Hystricidae</i>	Old World porcupine	Yes, there's fur	http://www.redorbit.com/media/uploads/2004/10/42_90863616636d8791fbfc212cda649d5f.jpg
<i>Indriidae</i>	Four Toothed Lemur	Yes, there's fur	http://en.academic.ru/pictures/enwiki/83/Sifaka_in_Madagascar.jpg
<i>Lorisidae</i>	Loris	Yes, there's fur	http://en.wikipedia.org/wiki/Slow_loris#mediaviewer/File:Slow_Loris_Female.jpg
<i>Megalonychidae</i>	Two toed sloths	Yes, there's fur	http://upload.wikimedia.org/wikipedia/commons/b/b1/Two_toed_sloth.JPG
<i>Mormoopidae</i>	Ghost Faced bat	Yes, there's fur	http://farm3.staticflickr.com/2166/1777987598_4ea13ab227_o.jpg
<i>Muridae</i>	True mice	Yes, there's fur	http://www.warrenphotographic.co.uk/photography/bigs/34248-Baby-yellow-necked-mice-white-background.jpg
<i>Mustelidae</i>	Weasel	Yes, there's fur	http://pophaydn.files.wordpress.com/2011/11/weasel-credit-karen-white-resize.jpg
<i>Myocastoridae</i>	Coypu	Yes, there's fur	http://1.bp.blogspot.com/_PwaTKtg0CtY/TBv1xGgvPMI/AAA AAAAABnk/QktLGs8wWtY/s1600/Myocastor_Coypus_Nutria_Biberratte.jpg
<i>Nandiniidae</i>	African palm civet	Yes, there's fur	http://www.biodiversityexplorer.org/mammals/carnivora/images/5108450362_22e3e68b8d_658w.jpg
<i>Ochotonidae</i>	Pika	Yes, there's fur	http://florafaunafungi.com/wp-content/uploads/2012/09/American-Pika-Ochotona-princeps.jpg
<i>Octodontidae</i>	Degu	Yes, there's fur	http://3.bp.blogspot.com/_nO36AMjqojc/TU7HwPLiEKI/AAA AAAAAAWI/sF5w2QeKkX4/s1600/d degu201.jpg
<i>Otariidae</i>	Eared seal	Yes, there's fur	http://farm4.staticflickr.com/3514/5736446255_732cb5e54f_o.jpg
<i>Pedetidae</i>	Springhare	Yes, there's fur	http://media.web.britannica.com/eb-media/00/4400-050-AE078316.jpg
<i>Petromuridae</i>	Dassie rat	Yes, there's fur	http://focusingonwildlife.com/news/wp-content/uploads/2012/05/Hyrax-Rock-Erongo-Mountains-Namibia-AR-37.jpg
<i>Phocidae</i>	True seal	Yes, there's fur	http://en.academic.ru/pictures/enwiki/83/Seehund.jpg
<i>Platacanthomiyidae</i>	Chinese pygmy dormice	Yes, there's fur	http://i263.photobucket.com/albums/ii135/jackieandarchie/IMG_3765.jpg
<i>Procaviidae</i>	Lyrax	Yes, there's fur	http://upload.wikimedia.org/wikipedia/commons/0/0c/Yellow-spotted_Rock_Hyrax.jpg

<i>Pteropodidae</i>	Fruit bat	Yes, there's fur	http://sprudge.com/wp-content/uploads/2011/08/fruitbatespresso.jpg
<i>Rhinolophidae</i>	Horseshoe bats	Yes, there's fur	http://3.bp.blogspot.com/-dd6EtcbfzUo/TqRR234utPI/AAAAAAAAd4/AD7FPxJPF_g/s1600/Horseshoe+Bat-1.jpg
<i>Spalacidae</i>	Lesser bamboo Rat	Yes, there's fur	http://www.biolib.cz/IMG/GAL/BIG/152440.jpg
<i>Tupaiidae</i>	Treeshrew	Yes, there's fur	http://www.raskbb.com/sybilson/viewtopic.php?f=18&t=8893
<i>Ursidae</i>	Polar Bear	Yes, there's fur	http://upload.wikimedia.org/wikipedia/commons/f/f8/Polar_Bear_0319_-23-11-06.jpg
<i>Vespertilionidae</i>	Evening bat	Yes, there's fur	http://1.bp.blogspot.com/-62ZbPk-OgWQ/TIRriOgahLI/AAAAAAAAB0/ret6PKURzco/s1600/CHOMEX.jpg
<i>Viverridae</i>	Palm Civet	Yes, there's fur	http://farm4.staticflickr.com/3024/2740021247_a5fea844d8_o.jpg
<i>Procyonidae</i>	Raccoon	Yes, there's fur	http://www.listoffimages.com/wp-content/uploads/2012/07/raccoon-tongue-animals.jpg
<i>Ailuridae</i>	Red Panda	Yes, see right eye	http://www.bhmpics.com/download/red_panda_face-1600x900.jpg
<i>Hyaenidae</i>	Hyena	Yes, See left Eye	http://www.wilkinsonsworld.com/wp-content/gallery/july-2010/200250-spotted-hyena-kruger-park-30082010.jpg
<i>Bovidae</i>	Bovid (Cows, etc.)	Yes (Possible, they are also in the same infraorder as the pronghorn (Pecora))	http://us.123rf.com/400wm/400/400/jaromir/jaromir1207/jaromir120700038/14322309-wild-asian-abok--class-mammals-order-artiodactyla-family-bovid.jpg
<i>Cercopithecidae</i>	Baboons (Old world Monkeys)	Yes	http://farm5.staticflickr.com/4002/4423792925_69058de3b8_z.jpg?zz=1
<i>Mephitidae</i>	Skunk	Yes	http://images.picturehunt.com/pics/s/skunk-8832.JPG
<i>Agoutidae</i>	Paca (Cuniculous)	Yes	http://photos.zoochat.com/large/lowland_paca_cuniculus_paca-202312.jpg
<i>Antilocapridae</i>	Pronghorn	Yes	http://upload.wikimedia.org/wikipedia/commons/b/b5/Pronghorn.jpg
<i>Calomyscidae</i>	Mouse-like hamster	Yes	http://farm3.staticflickr.com/2531/4126011746_72b7a56892_o.jpg
<i>Camelidae</i>	Camels	Yes	http://i1.treknature.com/photos/2840/camel_eye1.jpg
<i>Capromyidae</i>	Hutia	Yes	http://bybio.files.wordpress.com/2013/04/cuban-hutia.jpg
<i>Didelphidae</i>	Opossum	Yes	see zoo pic
<i>Elephantidae</i>	Elephants	Yes	http://www.clarioncallnews.com/wp-content/uploads/2011/10/elephant-eye.jpg
<i>Equidae</i>	Horses	Yes	http://upload.wikimedia.org/wikipedia/commons/f/f9/Horse_eye_5196.jpg
<i>Giraffidae</i>	Giraffe	Yes	http://www.birdwatchersdigest.com/blog/uploaded_images/GiraffeEye-732728.jpg
<i>Herpestidae</i>	Mongoose	Yes	http://www.wallpaperstop.co/wallpapers/2013/03/Mongoose-Eyes-485x728.jpg
<i>Hominidae</i>	Chimpanzee	Yes	http://media.theiapolis.com/d4/hTC/i1ND7/k2/l1AS/w1HC/chimpanzee.jpg
<i>Leporidae</i>	Rabbit	Yes	http://images.fineartamerica.com/images-medium-large/rabbit-eye-close-up-deniece-platt.jpg
<i>Moschidae</i>	Musk deer	Yes	http://photos.zoochat.com/large/dscf9857-8012.jpg
<i>Nesomyidae</i>	Malagasy rats	Yes	http://www.biolib.cz/IMG/GAL/BIG/178518.jpg
<i>Rhinocerotidae</i>	Rhinoceros	Yes	http://www.pbase.com/budohio/image/111103071/original.jpg

<i>Suidae</i>	Pigs	Yes	http://timgarratt.files.wordpress.com/2009/12/pig_1.jpg
<i>Tayassuidae</i>	Peccary	Yes	http://upload.wikimedia.org/wikipedia/commons/5/5b/Collared_peccary_Pecari_tajacu.jpg
<i>Tragulidae</i>	Mouse-deer	yes	http://www.acuteday.com/blog/wp-content/uploads/2012/10/baby-chevrotain-mouse-deer.jpeg
<i>Macropodidae</i>	Red kangaroo	yes	see zoo pictures
<i>Macroscelididae</i>	Elephant shrews	Yes	part of our data
<i>Cervidae</i>	White-tailed deer	Yes	http://stevecreek.com/wp-content/uploads/2010/08/Deer_100808_4411.jpg
<i>Cheirogaleidae</i>	Lemur	Yes	http://farm7.staticflickr.com/6148/6039529714_45e2e7d279_z.jpg
<i>Erethizontidae</i>	New World porcupines	Yes	http://www.biolib.cz/IMG/GAL/BIG/38102.jpg
<i>Lemuridae</i>	Lemurid	Yes	http://upload.wikimedia.org/wikipedia/commons/a/ac/Eulemur_mongoz_%28male_-_face%29.jpg
<i>Soricidae</i>	Shrew	Yes	http://newsdesk.si.edu/sites/default/files/photos/National%20Zo o%20Elephant%20Shrew.jpg
<i>Tapiridae</i>	Tapir	Yes	http://photos.zoochat.com/large/malayan_tapir_ed_20_10_2009 -105636.jpg
<i>Tarsiidae</i>	Tarsiers	Yes	http://blogs.scientificamerican.com/observations/files/2012/02/t arsier.jpg
<i>Canidae</i>	Domestic dogs, wolves, foxes, jackals, coyotes	Wolf: Small top lid lashes appear visible	http://farm4.static.flickr.com/3342/3434820536_f9bf73da9e.jpg http://4.bp.blogspot.com/-NFVoxpmueq0/T1_MRSm5KQI/AAAAAAAFAQ/YT0es_ORbag/s1600/081223Glacier-2.jpg http://darkroom.danielyeow.com/wp-content/uploads/20100523-DSC_5557.jpg http://www.notempire.com/images/uploads/Untitled-1-2509.jpg
<i>Chrysochloridae</i>	Golden moles	Non Functional Eyes covered with skin and fur	
<i>Hylobatidae</i>	Gibbon	No, have hairs on top but no bottom	http://www.wfft.org/wp-content/uploads/2012/11/cosmo.jpg
<i>Anomaluridae</i>	Scaly-tailed squirrels	No, fur isn't right around eye	http://www.exterminatorbrooklyn.com/large_image/squirrel/squ irrel4.jpg
<i>Bradypodidae</i>	Three-toed sloths	No, fur isn't right around eye	http://farm9.staticflickr.com/8373/8474996578_2a77443dc6_b.jpg
<i>Myrmecophagidae</i>	Giant anteater	No, fur isn't right around eye	http://animal-backgrounds.com/files/Anteater/Giant_Anteater-desktop-wallpaper.jpg
<i>Myzopodidae</i>	Madagascar Sucker-footed Bat	No, fur isn't right around eye	http://images.nationalgeographic.com/wpf/media-live/photos/000/107/cache/upright-roosting-bat_10789_600x450.jpg
<i>Natalidae</i>	Funnel-eared bats	No, fur isn't right around eye	http://farm9.staticflickr.com/8033/7953195746_f28ea4117e_z.jpg
<i>Thyropteridae</i>	Peter's disk-winged bat	No, does not appear so	http://farm4.static.flickr.com/3085/5724136173_7980c3efac.jpg
<i>Balaenidae</i>	Right whales	No, does not appear so	http://www.whaleman.org/sites/default/files/gray%20whale%20eye.jpg
<i>Balaenopteridae</i>	Baleen whales	No, does not appear so	http://i.images.cdn.fotopedia.com/NvT_IbC6noAwRZJpnld6oI-hd/World_Heritage_Sites/America/North_America/Mexico/Islas_and_ProTECTED_Areas_of_the_Gulf_of_California/El_Vizcaino_Biosphere_Reserve-Baleen_whale-Cetacea-Eschrichtiidae-Eye-Gray_whale.jpg

<i>Orycteropodidae</i>	Aardvark	No, does not appear so	http://parrotnation.files.wordpress.com/2008/09/dscn0050.jpg
<i>Phocoenidae</i>	Harbour porpoise	No, does not appear so	http://photos.zoochat.com/large/dscf14002-61511.jpg
<i>Pontoporiidae</i>	La Plata dolphin	No, does not appear so	http://www.wdcs.org/graphics_bin/franciscana_dolphin.jpg
<i>Megadermatidae</i>	False Vampire Bats	No, does not appear so	http://farm7.staticflickr.com/6198/6129869755_bbf36f447f_z.jpg
<i>Molossidae</i>	Mastiff bat	No, does not appear so	http://lh3.ggpht.com/-OR8B7jll6HmlaYLwbZOOhBYxZmER71Lq-Z_BpCZhCGxVHLV-hSBFFD8c-aKyw5HGckR0-XnCVFqa0TTBVu8=s1200
<i>Mystacinidae</i>	New Zealand short-tailed bats	No, does not appear so	http://static.stuff.co.nz/1339481427/480/7090480.jpg
<i>Noctilionidae</i>	Bulldog bat	No, does not appear so	http://onemoregeneration.org/wp-content/uploads/2011/03/OMG-Trivia-03-04-11.jpg.png
<i>Ptilocercidae</i>	Pen-tailed tree-shrew	No, does not appear so	http://www.eversostrange.com/wp-content/uploads/2011/04/treeshrew.jpg
<i>Rhinopomatidae</i>	Mouse-tailed bats	No, does not appear so	http://farm5.staticflickr.com/4140/4779800962_26724b8f41_b.jpg
<i>Sciuridae</i>	Squirrel	No, does not appear so	http://2.bp.blogspot.com/-2FnPfRh2vwk/ThE6G_JEtxi/AAAAAAAApw/h_RfA4QvVI8/s1600/squirrel-jp.jpg
<i>Talpidae</i>	Moles	No eyes	http://upload.wikimedia.org/wikipedia/commons/e/ed/Talpa_europaea_MHNT.jpg
<i>Bathyergidae</i>	Mole rat	No	http://blog.synthesis.net/wp-content/uploads/2008/06/naked-mole-rat.jpg
<i>Cebidae</i>	capuchin monkeys and squirrel monkeys	No	http://farm8.staticflickr.com/7166/6601629505_db87d04eed_b.jpg
<i>Craseonycteridae</i>	Kitti's hog-nosed bat	No	http://www.edgeofexistence.org/edgeblog/wp-content/uploads/2008/03/bumblebee-bat2.jpg
<i>Dasyprodidae</i>	Armadillos	No	http://farm1.static.flickr.com/23/29730072_8d8fea5fc2.jpg
<i>Delphinidae</i>	Oceanic dolphins	No	http://th09.deviantart.net/fs49/PRE/f/2009/236/6/5/659ecc549c46669a5fac7e0b875daf6.png
<i>Dugongidae</i>	Dugong	No	http://cdn1.arkive.org/media/0E/0E280C5A-D487-4420-9C98-8ED7F0D38A21/Presentation.Large/Dugong-eye-detail.jpg
<i>Erinaceidae</i>	Hedgehog	No	http://www.mrwallpaper.com/wallpapers/Cute-Hedgehog.jpg
<i>Hippopotamidae</i>	Hippopotamuses	No	http://farm6.staticflickr.com/5063/5628746490_d4d06f6de8_z.jpg
<i>Hyperoodontidae</i>	Beaked whale (Ziphiidae)	No	No good evidence
<i>Iniidae</i>	River dolphins	No	http://assets.worldwildlife.org/photos/3577/images/story_full_width/amazon_river_dolphin_naturepl.com_tood_pusser_wwf_canon.JPG?1360265162
<i>Lepilemuridae</i>	Lepilemur	No	http://upload.wikimedia.org/wikipedia/commons/7/77/Lepilemur_edwardsi.jpg
<i>Manidae</i>	Pangolin	No	http://3.bp.blogspot.com/_wLdWNe857CQ/TCt21C690II/AAA AAAAAFA/L4MNqBa2VyE/s1600/25.jpg
<i>Monodontidae</i>	Beluga Whale	No	Hello-Inuk_23648529_m.jpg">http://demos.ithemes.com/kepler-light/files/2011/08>Hello-Inuk_23648529_m.jpg
<i>Odobenidae</i>	Walrus	No	http://upload.wikimedia.org/wikipedia/commons/3/37/Walrus_-Kamogawa_Seaworld_-_1.jpg

<i>Physeteridae</i>	Sperm whale	No	http://www.amosphotography.com/data/photos/242_1sperm_whale_enigma_eye_upclose.jpg
<i>Platanistidae</i>	Ganges river dolphin	No	http://img.docstoccdn.com/thumb/orig/79854493.png
<i>Trichechidae</i>	Manatee	No	http://barbarabockman.files.wordpress.com/2010/11/prose_1.jpg
<i>Tenrecidae</i>	Tenrec	No	http://www.saczoo.org/view.image?Id=1221
<i>Lipotidae</i>	Baiji Extinct (2006)	Extinct	Extinct
<i>Prorastomidae</i>	Extinct (Ancient Manatee)	Extinct	Extinct
<i>Protosirenidae</i>	Extinct	Extinct	Extinct
<i>Cetotheriidae</i>	Extinct (Possibly Ressurecting the family with the Pygmy Right Whale)	Extinct	Extinct
<i>Enaliarctidae</i>	Extinct	Extinct	Extinct
<i>Gomphotheriidae</i>	Extinct	Extinct	Extinct
<i>Hemicyonidae</i>	Extinct	Extinct	Extinct
<i>Hyopsodontidae</i>	Extinct	Extinct	Extinct
<i>Lambdotheriidae</i>	Extinct	Extinct	Extinct
<i>Nimravidae</i>	Extinct (False Saber-tooth Cat)	Extinct	Extinct
<i>Pelocetidae</i>	Extinct (Ancient Baleen Whales)	Extinct	Extinct
<i>Percrocutidae</i>	Extinct (Hyena-like)	Extinct	Extinct
<i>Stenoplesictidae</i>	Extinct (civet-like animals)	Extinct	Extinct

Proper Name (Family)	Common Name (Example)	Posse Traditional Eyelashes?	Photo
<u>Ailuridae</u>	Red Panda	Yes, see right eye	http://www.bhmpics.com/download/red_panda_face-1600x900.jpg
<u>Hyaenidae</u>	Hyena	Yes, See left Eye	http://www.wilkinsonsworld.com/wp-content/gallery/july-2010/200250-spotted-hyena-kruger-park-30082010.jpg
<u>Bovidae</u>	Cow	Yes (Possible, they are also in the same infraorder as the pronghorn (Pecora))	http://us.123rf.com/400wm/400/400/jaromir/jaromir1207/jaromir12070038/14322309-wild-asiatic-abok--class-mammals-order-artiodactyla-family-bovid.jpg
<u>Cercopithecidae</u>	Baboon (Old world Monkeys)	Yes	http://farm5.staticflickr.com/4002/4423792925_69058de3b8_z.jpg?zz=1
<u>Agoutidae</u>	Paca (Cuniculous)	Yes	http://photos.zoochat.com/large/lowland_paca_cuniculus_paca-202312.jpg
<u>Antilocapridae</u>	Pronghorn	Yes	http://upload.wikimedia.org/wikipedia/commons/b/b5/Pronghorn.jpg
<u>Calomyscidae</u>	Mouse-like hamster	Yes	http://farm3.staticflickr.com/2531/4126011746_72b7a56892_o.jpg
<u>Camelidae</u>	Camel	Yes	http://i1.treknature.com/photos/2840/camel_eye1.jpg
<u>Capromyidae</u>	Hutia	Yes	http://bybio.files.wordpress.com/2013/04/cuban-hutia.jpg
<u>Didelphidae</u>	Opossum	Yes	see zoo picture
<u>Elephantidae</u>	Elephant	Yes	http://www.clarioncallnews.com/wp-content/uploads/2011/10/elephant-eye.jpg
<u>Equidae</u>	Horse	Yes	http://upload.wikimedia.org/wikipedia/commons/f/f9/Horse_eye_5196.jpg
<u>Giraffidae</u>	Giraffe	Yes	http://www.birdwatchersdigest.com/blog/uploaded_images/GiraffeEye-732728.jpg
<u>Herpestidae</u>	Mongoose	Yes	http://www.wallpaperstop.co/wallpapers/2013/03/Mongoose-Eyes-485x728.jpg
<u>Hominidae</u>	Chimpanzee	Yes	http://media.theiapolis.com/d4/hTC/i1ND7/k2/l1AS/w1HC/chimpanzee.jpg
<u>Leporidae</u>	Rabbit	Yes	http://images.fineartamerica.com/images-medium-large/rabbit-eye-close-up-deniece-platt.jpg
<u>Moschidae</u>	Musk deer	Yes	http://photos.zoochat.com/large/dscf9857-8012.jpg
<u>Nesomyidae</u>	Malagasy rats	Yes	http://www.biolib.cz/IMG/GAL/BIG/178518.jpg
<u>Rhinocerotidae</u>	Rhinoceros	Yes	http://www.pbase.com/budohio/image/111103071/original.jpg
<u>Suidae</u>	Pig	Yes	http://timgarratt.files.wordpress.com/2009/12/pig_1.jpg
<u>Tayassuidae</u>	Peccary	Yes	http://upload.wikimedia.org/wikipedia/commons/5/5b/Collared_peccary_Pecari_tajacu.jpg
<u>Tragulidae</u>	Mouse-deer	Yes	http://www.acuteaday.com/blog/wp-content/uploads/2012/10/baby-chevrotain-mouse-deer.jpeg
<u>Macropodidae</u>	Red kangaroo	Yes	see zoo picture
<u>Macroscelididae</u>	Elephant shrew	Yes	part of our data
<u>Cervidae</u>	White-tailed deer	Yes	http://stevecreek.com/wp-content/uploads/2010/08/Deer_100808_4411.jpg
<u>Canidae</u>	Wolf	Yes	http://farm4.static.flickr.com/3342/3434820536_f9bf73da9e.jpg http://4.bp.blogspot.com/-NFVoxpmueq0/T1_MRSm5KQI/AAAAAAAFAFQ/YT0es_ORbag/s1600/081223Glacier-2.jpg http://darkroom.danielyeow.com/wp-content/uploads/20100523-DSC_5557.jpg
<u>Abrocomidae</u>	Chinchilla rat	Not Noticeable	http://farm3.staticflickr.com/2458/3658723390_70176803dc_o.jpg
<u>Anomaluridae</u>	Scaly-tailed squirrel	Not Noticeable	http://www.exterminatorbrooklyn.com/large_image/squirrel/squirrel4.jpg

<u><i>Aplodontiidae</i></u>	Mountain beaver	Not Noticeable	https://www.mountainvalleyliving.com/online/wp-content/uploads/2010/01/bigstockphoto_Beaver_2812482.jpg http://ferrebeekeeper.files.wordpress.com/2011/06/castor-fiber.jpg
<u><i>Castoridae</i></u>	North American Beaver	Not Noticeable	
<u><i>Chrysocloridae</i></u>	Golden mole	Non Functional Eyes covered with skin and fur	http://www.notempire.com/images/uploads/Untitled-1-2509.jpg
<u><i>Thyropteridae</i></u>	Peter's disk-winged bat	No, does not appear so (Do they even have eyes?)	http://farm4.static.flickr.com/3085/5724136173_7980c3efac.jpg
<u><i>Balaenidae</i></u>	Right whale	No, does not appear so	http://www.whaleman.org/sites/default/files/gray%20whale%20eye.jpg
<u><i>Balaenopteridae</i></u>	Baleen whale	No, does not appear so	http://i.images.cdn.fotopedia.com/NvT_lbC6noA-wRZJpnld6ol-hd/World_Heritage_Sites/America/North_America/Mexico/Islands_and_Protected_Areas_of_the_Gulf_of_California/El_Vizcaino_Biosphere_Reserve/El_Vizcaino_Biosphere_Reserve-Baleen_whale-Cetacea-Eschrichtiidae-Eye-Gray_whale.jpg http://farm9.staticflickr.com/8373/8474996578_2a77443dc6_b.jpg
<u><i>Bradypodidae</i></u>	Three-toed sloth	No, does not appear so	
<u><i>Myrmecophagidae</i></u>	Giant anteater	No, does not appear so	http://animal-backgrounds.com/files/Anteater/Giant_Anteater-desktop-wallpaper.jpg
<u><i>Myzopodidae</i></u>	Madagascar Sucker-footed Bat	No, does not appear so	http://images.nationalgeographic.com/wpf/media-live/photos/000/107/cache/upright-roosting-bat_10789_600x450.jpg
<u><i>Natalidae</i></u>	Funnel-eared bat	No, does not appear so	http://farm9.staticflickr.com/8033/7953195746_f28ea4117e_z.jpg
<u><i>Nycteridae</i></u>	Hollow-faced bat	No, does not appear so	http://en.academic.ru/pictures/enwiki/78/Nycterus_thebaica.jpg
<u><i>Orycteropodidae</i></u>	Aardvark	No, does not appear so	http://parrotnation.files.wordpress.com/2008/09/dscn0050.jpg
<u><i>Phocoenidae</i></u>	Harbour porpoise	No, does not appear so	http://photos.zoochat.com/large/dscf14002-61511.jpg
<u><i>Phyllostomidae</i></u>	Leaf-nosed bat	No, does not appear so	http://cdn1.arkive.org/media/1D/1D7B10F1-F155-4A5F-A630-218BBA6223FF/Presentation.Large/Shield-nosed-leaf-nosed-bat-with-wings-visible.jpg
<u><i>Pontoporiidae</i></u>	La Plata dolphin	No, does not appear so	http://www.wdcso.org/graphics_bin/franciscana_dolphin.jpg
<u><i>Prionodontidae</i></u>	Banded linsang	No, does not appear so	http://photos.zoochat.com/large/8a_0278-205341.jpg
<u><i>Solenodontidae</i></u>	Cuban solenodon	No, does not appear so	http://news.bbcimg.co.uk/media/images/63953000/jpg/_63953547_solenodon.jpg
<u><i>Thryonomyidae</i></u>	Cane rat	No, does not appear so	http://writersthinkingallowed.files.wordpress.com/2012/10/cane.jpg
<u><i>Talpidae</i></u>	Mole	No eyes	http://upload.wikimedia.org/wikipedia/commons/e/ed/Talpa_europaea_MHNT.jpg
<u><i>Dasyproctidae</i></u>	Acouchis	No (Eyebrows, maybe?)	http://farm3.staticflickr.com/2106/2439301067_f96493bef1_o.jpg
<u><i>Bathyergidae</i></u>	Mole rat	No	http://blog.synthesis.net/wp-content/uploads/2008/06/naked-mole-rat.jpg
<u><i>Callitrichidae</i></u>	Marmoset	No	TAMARIN: http://farm6.staticflickr.com/5053/5510281132_6d28dfb29a_o.jpg MARMOSET: http://www.robertodemicheli.com/album_test/Wildlife/Misc/slides/_MG_3583.jpg
<u><i>Caviidae</i></u>	Domestic guinea pig	No	https://upload.wikimedia.org/wikipedia/commons/8/8c/Guinea_Pig_35.jpg
<u><i>Cebidae</i></u>	Capuchin monkey	No	http://farm8.staticflickr.com/7166/6601629505_db87d04eed_b.jpg
<u><i>Cheirogaleidae</i></u>	Lemur	No	http://farm7.staticflickr.com/6148/6039529714_45e2e7d279_z.jpg
<u><i>Chinchillidae</i></u>	Chinchilla	No	http://www.chincare.com/IMAGES/healthmed/cataract.jpg
<u><i>Craseonycteridae</i></u>	Kitti's hog-nosed bat	No	http://www.edgeofexistence.org/edgeblog/wp-content/uploads/2008/03/bumblebee-bat2.jpg

<u>Cricetidae</u>	Vole	No	http://www.eastrocklandscape.com/field_vole.jpg
<u>Ctenodactylidae</u>	Gundis or comb rat	No	http://photos.zoochat.com/large/gundi_stuttgart_6th_september_2010-122957.jpg
<u>Ctenomyidae</u>	Tuco-tuco	No	http://www.fotonaturaleza.cl/data/media/2/IMG_0946cropf9.jpg
<u>Cyclopedidae</u>	Silky anteater	No	https://lh4.googleusercontent.com/-SCEbIXEUFKY/SmEuZw9ijI/AAAAAAAABsw/rMCj5xH2gfo/IMG_0519.JPG
<u>Cynocephalidae</u>	Colugo	No	http://daddu.net/wp-content/uploads/2010/02/Colugo-view.jpg
<u>Dasypodidae</u>	Armadillo	No	http://farm1.static.flickr.com/23/29730072_8d8fea5fc2.jpg
<u>Daubentonidae</u>	Aye-aye (Lemur)	No	http://i3.ytimg.com/vi/jHs5POy8-8Y/maxresdefault.jpg
<u>Delphinidae</u>	Oceanic dolphin	No	http://th09.deviantart.net/fs49/PRE/f/2009/236/6/5/659ecc549c46669a5fac7e0b8755daf6.png
<u>Dinomyidae</u>	Pacarana	No	http://www.machupicchu360.org/machu-picchu-peru/photo-gallery-machu-picchu/fotos_fauna/machu-picchu-fotos-19c.jpg
<u>Dipodidae</u>	Jumping mice	No	http://www2.ohiodnr.com/portals/wildlife/Species%20and%20Habitats/Species%20Guide%20Index/Images/housemouse.jpg
<u>Dugongidae</u>	Dugong	No	http://cdn1.arkive.org/media/0E/0E280C5A-D487-4420-9C98-8ED7F0D38A21/Presentation.Large/Dugong-eye-detail.jpg
<u>Echimyidae</u>	Neotropical spiny rat	No	http://ds-lands.com/data_images/animals/spiny-rat/spiny-rat-01.jpg
<u>Emballonuridae</u>	Ghost bat	No	http://25.media.tumblr.com/tumblr_lzzktm0iF01qga09po1_500.jpg
<u>Erethizontidae</u>	New World porcupine	No	http://www.biolib.cz/IMG/GAL/BIG/38102.jpg
<u>Erinaceidae</u>	Hedgehog	No	http://www.mrwallpaper.com/wallpapers/Cute-Hedgehog.jpg
<u>Eupleridae</u>	Fossa	No	http://photos.zoochat.com/large/fossa_sandwich_30th_april_2011-143698.jpg
<u>Felidae</u>	Tiger	No	http://i25.photobucket.com/albums/c59/telyse3/351Tiger_Eyesx.jpg
<u>Furipteridae</u>	Smokey Bat	No	http://www.milbourne.net/HOSTEDSITES/blagdonlakebirds/Assets/myimages/1DS14052%20Whiskered%20Bat,%20Butcombe%20Bank,%20Blagdon%20Lake.JPG
<u>Galagidae</u>	Bushbaby	No	http://www.animalpictures123.org/wp-content/uploads/2012/06/Demidoffs-Bush-Baby.jpg
<u>Geomysidae</u>	Pocket gopher	No	http://farm6.staticflickr.com/5110/5597131228_80ee407e6f_o.jpg
<u>Gliridae</u>	Dormouse	No	http://www.devon.gov.uk/dormouse.jpg
<u>Heteromyidae</u>	Kangaroo rat	No	http://rmbo.org/v3/Portals/0/Images/Blog%20feature%20stories/12-10-17%20Ord's%20Kangaroo%20Rat.jpg
<u>Hippopotamidae</u>	Hippopotamus	No	http://farm6.staticflickr.com/5063/5628746490_d4d06f6de8_z.jpg
<u>Hylobatidae</u>	Gibbon	No	http://www.wfft.org/wp-content/uploads/2012/11/cosmo.jpg
<u>Hyperoodontidae</u>	Beaked whale (Ziphiidae)	No	No good evidence
<u>Hystricidae</u>	Old World porcupine	No	http://www.redorbit.com/media/uploads/2004/10/42_90863616636d8791fbfc212cda649d5f.jpg
<u>Indriidae</u>	Four Toothed Lemur	No	http://en.academic.ru/pictures/enwiki/83/Sifaka_in_Madagascar.jpg
<u>Iniidae</u>	River dolphin	No	http://assets.worldwildlife.org/photos/3577/images/story_full_width/amazon_river_dolphin_naturepl.com_tood_pusser_wwf_canon.JPG?1360265162
<u>Lemuridae</u>	Lemurid	No	http://upload.wikimedia.org/wikipedia/commons/a/ac/Eulemur_mongoz_%28male_-_face%29.jpg
<u>Lepilemuridae</u>	Lepilemur	No	http://upload.wikimedia.org/wikipedia/commons/7/77/Lepilemur_edwardsi.jpg
<u>Lorisidae</u>	Loris	No	http://lemur.duke.edu/wp-content/uploads/2012/09/p0000000952.jpg
<u>Manidae</u>	Pangolin	No	http://3.bp.blogspot.com/_wLdWNe857CQ/TCl21C690II/AAAAAAAFA/L4MNqBa2VxE/1600/25.jpg
<u>Megadermatidae</u>	False Vampire Bat	No	http://farm7.staticflickr.com/6198/6129869755_bbf36f447f_z.jpg
<u>Megalonychidae</u>	Two toed sloth	No	http://upload.wikimedia.org/wikipedia/commons/b/b1/Two_toed_sloth.JPG
<u>Mephitidae</u>	Skunk	No	http://images.pictureshunt.com/pics/s/skunk-8832.JPG
<u>Molossidae</u>	Mastiff bat	No	http://lh3.ggpht.com/-OR8B7jl6HmlaYLwbZOyXZmER71Lq-Z_BpCZhCGxVHLV-hSBFFD8c-aKyw5HGckR0-XnCVFqa0TTBVu8=s1200

<u>Monodontidae</u>	Beluga Whale	No	Hello-Inuk_23648529_m.jpg">http://demos.iThemes.com/kepler-light/files/2011/08>Hello-Inuk_23648529_m.jpg http://farm3.staticflickr.com/2166/1777987598_4ea13ab227_o.jpg
<u>Mormoopidae</u>	Ghost Faced bat	No	http://www.warrenphotographic.co.uk/photography/bigs/34248-Baby-yellow-necked-mice-white-background.jpg
<u>Muridae</u>	True mice	No	http://pophaydn.files.wordpress.com/2011/11/weasel-credit-karen-white-resize.jpg
<u>Mustelidae</u>	Weasel	No	http://1.bp.blogspot.com/_PwaTKtg0CtY/TBv1xGgvPMI/AAAAAAAABnk/QktLGs8wWtY/s1600/Myocastor_Coypus_Nutria_Biberratte.jpg
<u>Myocastoridae</u>	Coypu	No	http://static.stuff.co.nz/1339481427/480/7090480.jpg
<u>Mystacinidae</u>	New Zealand short-tailed bat	No	
<u>Nandiniidae</u>	African palm civet	No	http://www.biodiversityexplorer.org/mammals/carnivora/images/5108450362_22e3e68b8d_658w.jpg
<u>Noctilionidae</u>	Bulldog bat	No	http://onemoregeneration.org/wp-content/uploads/2011/03/OMG-Trivia-03-04-11.jpg.png
<u>Ochotonidae</u>	Pika	No	http://florafaunafungi.com/wp-content/uploads/2012/09/American-Pika-Ochotona-princeps.jpg
<u>Octodontidae</u>	Degu	No	http://3.bp.blogspot.com/_nO36AMjqojc/TU7HwPLiEKI/AAAAAAAALwi/sF5w2QekX4/s1600/daily+degu201.jpg
<u>Odobenidae</u>	Walrus	No	http://upload.wikimedia.org/wikipedia/commons/3/37/Walrus_-_Kamogawa_Seaworld_-_1.jpg
<u>Otariidae</u>	Eared seal	No	http://farm4.staticflickr.com/3514/5736446255_732cb5e54f_o.jpg
<u>Pedetidae</u>	Springhare	No	http://media.web.britannica.com/eb-media/00/4400-050-AE078316.jpg
<u>Petromuridae</u>	Dassie rat	No	http://focusingonwildlife.com/news/wp-content/uploads/2012/05/Hyrax-Rock-Erongo-Mountains-Namibia-AR-37.jpg
<u>Phocidae</u>	True seal	No	http://en.academic.ru/pictures/enwiki/83/Seehund.jpg
<u>Physeteridae</u>	Sperm whale	No	http://www.amosphotography.com/data/photos/242_1sperm_whale_enigma_eye_upclose.jpg
<u>Platacanthomysidae</u>	Chinese pygmy dormice	No	http://i263.photobucket.com/albums/ii135/jackieandarchie/IMG_3765.jpg
<u>Platanistidae</u>	Ganges river dolphin	No	http://img.docstoccdn.com/thumb/orig/79854493.png
<u>Procaviidae</u>	Hyrax	No	http://upload.wikimedia.org/wikipedia/commons/0/0c/Yellow-spotted_Rock_Hyrax.jpg
<u>Pteropodidae</u>	Fruit bat	No	http://sprudge.com/wp-content/uploads/2011/08/fruitbatespresso.jpg
<u>Ptilocercidae</u>	Pen-tailed tree-shrew	No	http://www.eversostrange.com/wp-content/uploads/2011/04/treeshrew.jpg
<u>Rhinolophidae</u>	Horseshoe bat	No	http://3.bp.blogspot.com/-dd6EtcbfzUo/TqRR234utPI/AAAAAAAAd4/AD7FPxJPF_g/s1600/Horseshoe+Bat-1.jpg
<u>Rhinopomatidae</u>	Mouse-tailed bat	No	http://farm5.staticflickr.com/4140/4779800962_26724b8f41_b.jpg
<u>Sciuridae</u>	Squirrel	No	http://2.bp.blogspot.com/-2FnpfRh2vwk/ThE6G_JEtxl/AAAAAAAApw/h_RfA4QvVI8/s1600/squirrel-jp.jpg
<u>Soricidae</u>	Shrew	No	http://newsdesk.si.edu/sites/default/files/photos/National%20Zoo%20Elephant%20Shrew.jpg
<u>Spalacidae</u>	Lesser bamboo Rat	No	http://www.biolib.cz/IMG/GAL/BIG/152440.jpg
<u>Tapiridae</u>	Tapir	No	http://photos.zoochat.com/large/malayan_tapir_ed_20_10_2009-105636.jpg
<u>Tarsiidae</u>	Tarsiers	No	http://blogs.scientificamerican.com/observations/files/2012/02/tarsier.jpg
<u>Trichechidae</u>	Manatee	No	http://barbarabockman.files.wordpress.com/2010/11/prose_1.jpg
<u>Tupaiidae</u>	Treeshrew	No	http://ds-lands.com/data_images/animals/common-tree-shrew/common-tree-shrew-10.jpg
<u>Ursidae</u>	Polar Bear	No	http://upload.wikimedia.org/wikipedia/commons/f/f8/Polar_Bear_0319_-23-11-06.jpg
<u>Vespertilionidae</u>	Evening bat	No	http://1.bp.blogspot.com/-62ZbPk-OgWQ/TIRRIQgahLI/AAAAAAAABW0/ret6PKURzco/s1600/CHOMEX.jpg
<u>Viverridae</u>	Palm Civet	No	http://farm4.staticflickr.com/3024/2740021247_a5fea844d8_o.jpg
<u>Tenrecidae</u>	Tenrec	No	http://www.saczoo.org/view.image?Id=1221

<u><i>Procyonidae</i></u>	Raccoon	Maybe	http://www.listofimages.com/wp-content/uploads/2012/07/raccoon-tongue-animals.jpg
<u><i>Lipotidae</i></u>	Baiji Extinct (2006)	Extinct	Extinct
<u><i>Prorastomidae</i></u>	Extinct (Ancient Manatee)	Extinct	Extinct
<u><i>Protosirenidae</i></u>	Extinct	Extinct	Extinct
<u><i>Cetotheriidae</i></u>	Extinct (Possibly Ressurecting the family with the Pygmy Right Whale)	Extinct	Extinct
<u><i>Enaliarctidae</i></u>	Extinct	Extinct	Extinct
<u><i>Gomphotheriidae</i></u>	Extinct	Extinct	Extinct
<u><i>Hemicyonidae</i></u>	Extinct	Extinct	Extinct
<u><i>Hyopsodontidae</i></u>	Extinct	Extinct	Extinct
<u><i>Lambdotheriidae</i></u>	Extinct	Extinct	Extinct
<u><i>Nimravidae</i></u>	Extinct (False Saber-tooth Cat)	Extinct	Extinct
<u><i>Pelocetidae</i></u>	Extinct (Ancient Baleen Whales)	Extinct	Extinct
<u><i>Percrocutidae</i></u>	Extinct (Hyena-like)	Extinct	Extinct
<u><i>Stenoplesictidae</i></u>	Extinct (civet-like animals)	Extinct	Extinct
