

Inventory & Monitoring Program Southeast Alaska Network

National Park Service
U.S. Department of the Interior



Certified Mammal Species List for Sitka National Historical Park

Disclaimer: Includes only Locally Accepted Names where the Accepted Status and Occurrence have been certified. Other Park Status fields may not be certified. The first three Locally Preferred Common Names are used unless none exist, then the first three ITIS Common Names are used.

Data Migrated as of July 16, 2008
Certified as of September 14, 2007

Source: National Park Service. NPSpecies. Accessed August 8, 2008.

Order	Family	Scientific Name	Common Name	Occurrence	Abundance	Residency	Nativity	Cultivation	TSN
Artiodactyla	Cervidae	Odocoileus hemionus	Mule deer, Sitka black-tailed deer	Present in Park	Uncommon	Resident	Native	NA	180698
Carnivora	Mustelidae	Enhydra lutris	Sea otter	Present in Park	Rare	Migratory	Native	NA	180547
Carnivora	Mustelidae	Lontra canadensis	Northern river otter, River otter	Present in Park	Common	Breeder	Native	NA	180549
Carnivora	Mustelidae	Martes americana	Marten	Present in Park	Unknown	Unknown	Non-Native	Persistent	180559
Carnivora	Mustelidae	Mustela erminea	Ermine, Short-tailed weasel	Probably Present	NA	NA	Native	NA	180555
Carnivora	Mustelidae	Mustela vison	Mink	Present in Park	Uncommon	Resident	Native	NA	180553
Carnivora	Otariidae	Callorhinus ursinus	Northern fur seal	Encroaching	NA	NA	Native	NA	180627
Carnivora	Otariidae	Eumetopias jubatus	Northern sea lion, Stellar sea lion	Present in Park	Rare	Migratory	Native	NA	180625
Carnivora	Phocidae	Phoca vitulina	Harbor seal	Present in Park	Uncommon	Resident	Native	NA	180649
Carnivora	Ursidae	Ursus arctos	Brown bear, Grizzly bear	Present in Park	Rare	Resident	Native	NA	180543
Cetacea	Balaenopteridae	Megaptera novaeangliae	Humpback whale	Probably Present	NA	NA	Native	NA	180530

Order	Family	Scientific Name	Common Name	Occurrence	Abundance	Residency	Nativity	Cultivation	TSN
Cetacea	Delphinidae	Lagenorhynchus obliquidens	Pacific white-sided dolphin	Present in Park	Unknown	Unknown	Native	NA	180444
Cetacea	Delphinidae	Orcinus orca	killer whale, Orca	Encroaching	NA	NA	Native	NA	180469
Cetacea	Eschrichtiidae	Eschrichtius robustus	Grey whale	Encroaching	NA	NA	Native	NA	180521
Cetacea	Phocoenidae	Phocoena phocoena	Harbor porpoise	Encroaching	NA	NA	Native	NA	180473
Cetacea	Phocoenidae	Phocoenoides dalli	Dall's porpoise	Encroaching	NA	NA	Native	NA	180480
Chiroptera	Vespertilionidae	Myotis lucifugus	Little brown bat	Present in Park	Occasional	Resident	Native	NA	179988
Rodentia	Castoridae	Castor canadensis	Beaver	Historic	NA	NA	Native	NA	180212
Rodentia	Muridae	Microtus oeconomus	Tundra vole	Present in Park	Occasional	Breeder	Native	NA	180298
Rodentia	Muridae	Mus musculus	House mouse	Probably Present	NA	NA	Non-Native	Unknown	180366
Rodentia	Muridae	Peromyscus keeni	Deer mouse, Forest deer mouse	Present in Park	Abundant	Breeder	Native	NA	552497
Rodentia	Muridae	Rattus norvegicus	Norway rat	Probably Present	NA	NA	Non-Native	Unknown	180363
Rodentia	Sciuridae	Tamiasciurus hudsonicus	Red squirrel	Present in Park	Common	Breeder	Non-Native	Persistent	180166
Soricomorpha	Soricidae	Sorex cinereus	Masked shrew	Present in Park	Rare	Breeder	Native	NA	179929

Metadata

Source: http://science.nature.nps.gov/im/apps/npspp/docs/DataDictUsers_v2.doc, accessed August 8, 2008.

Column	NPSpecies Definition	Comment/Example
Order	The taxonomic rank of order to which the <i>standard scientific name</i> belongs. It is derived from the taxonomic hierarchy provided by ITIS.	
Family	The taxonomic rank of family to which the <i>standard scientific name</i> belongs. It is derived from the taxonomic hierarchy provided by ITIS.	
Standard Scientific Name	<i>Standard Scientific Name</i> is ubiquitous throughout the database and is directly linked to a TSN.	
Standard Common Name(s)	Common (vernacular) names recognized by the taxonomic module for each TSN. Each TSN may have one or more common names recognized by ITIS, or none at all. Additionally, a common name may refer to more than one TSN.	See disclaimer at top of reports to ascertain whether Standard or Local Common Names are used.
Preferred Local Common Name(s)	Alternate common name(s) preferred over, or absent from, the <i>Standard Common Name(s)</i> provided by the standard classification system.	See disclaimer at top of reports to ascertain whether Standard or Local Common Names are used.
Park Status (Occurrence)	The current status of each species in each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked. The possible values reflect a combination of confidence, and availability and currency of verifiable evidence in NPSpecies.
Present in Park	Species' occurrence in park is documented and assumed to be extant.	Extremely high confidence that the species is currently in the park. A current, verifiable reference, voucher or observation is included in NPSpecies.

Column	NPSpecies Definition	Comment/Example
Probably Present	Park is within species' range and contains appropriate habitat. Documented occurrences of the species in the adjoining region of the park give reason to suspect that it probably occurs within the park. The degree of probability may vary within this category, including species that range from common to rare.	Very high confidence that the organism is currently in the park. Verifiable evidence may exist in NPSpecies, but is not considered current enough to elevate the status to Present in Park. Efforts should be made to obtain current, verifiable evidence in NPSpecies to elevate the Park Status to "Present in Park". If reasonable efforts to obtain current, verifiable evidence are unsuccessful, then the Park Status should be changed to Unconfirmed, Historic, Encroaching or False Report as applicable.
Unconfirmed	Included for the park based on weak ("unconfirmed record") or no evidence, giving minimal indication of the species' occurrence in the park.	Any confidence from very low to high that the organism is currently in the park. Verifiable evidence may exist in NPSpecies, but it is not considered sufficient enough to elevate the status to Probably Present, nor current enough to elevate the status to Present. Efforts should be made to obtain current, verifiable evidence in NPSpecies to elevate the Park Status to "Present in Park". If reasonable efforts to obtain current, verifiable evidence are unsuccessful, then the Park Status should be changed to Historic, Encroaching or False Report as applicable.
Encroaching	The species is not documented in the park, but is documented as being adjacent to the park and has potential to occur in the park.	Extremely low confidence that the organism is currently in the park, but extremely high confidence that the organism is currently adjacent to the park. Verifiable evidence may exist in NPSpecies documenting the occurrence in the park, but it is not current. Potential invasive organisms are good candidates for this Park Status designation, either before they enter a park or after they have been eliminated from a park.
Historic	Species' historical occurrence in the park is documented, but recent investigations indicate that the species is now probably absent.	Extremely low confidence that the organism is currently in the park. Verifiable evidence exists in NPSpecies, but is not current. Extinct, extirpated or eliminated species are candidates for a Historic <i>Park Status</i> designation.

Column	NPSpecies Definition	Comment/Example
False Report	Species previously reported to occur within the park, but current evidence indicates that the report was based on a misidentification, a taxonomic concept no longer accepted, or some other similar problem of interpretation.	Extremely low confidence that the organism is currently in the park. Evidence exists in NPSpecies, but it cannot be sufficiently verified.
NA	Not Applicable - Park-Status does not apply to the scientific name for the park.	<p>The NA value prevents null values from appearing in NPSpecies and applies to 2 primary situations:</p> <p>An outdated scientific name that is not used in the locale of the park for an organism, but is in NPSpecies for a park because of the inclusion of vouchers, observations or names linked to references. Note that outdated names are reconciled in NPSpecies with the LOCAL CLASSIFICATION system.</p> <p>Vouchers, observations or names linked to references have not been identified at the species level or lower, but are included in NPSpecies with the name of a higher taxonomic rank than the species level. The names of these higher level taxonomic ranks will disappear from NPSpecies if the evidence of the respective name are identified to the species level or lower, and are changed appropriately in NPSpecies.</p>

Column	NPSpecies Definition	Comment/Example
Abundance	The current abundance of each organism in each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked and a <i>Park Status</i> of "Present". The values attempt to balance abundance with suitable habitat, and temporal/behavioral considerations. In practice, the entered value should apply (although there are numerous exceptions) to the abundance in the most suitable habitat of the organism, and at the time that the organism is engaged in it's principle behavior in (e.g. breeding, migrating, hibernating, etc.), or most important behavior to, the park. A future generation of NPSpecies will address the coding of <i>Abundance</i> (and associated <i>Residency</i>) to separate out the temporal and behavioral aspects. The Data Source field for Abundance is available to provide a citation that specifically addresses abundance in more detail.
Abundant	Animals: May be seen daily, in suitable habitat and season, and counted in relatively large numbers. Plants: Large number of individuals; wide ecological amplitude or occurring in habitats covering a large portion of the park.	
Common	Animals: May be seen daily, in suitable habitat and season, but not in large numbers. Plants: Large numbers of individuals predictably occurring in commonly encountered habitats but not those covering a large portion of the park.	
Uncommon	Animals: Likely to be seen monthly in appropriate season/habitat. May be locally common. Plants: Few to moderate numbers of individuals; occurring either sporadically in commonly encountered habitats or in uncommon habitats.	

Column	NPSpecies Definition	Comment/Example
Rare	Animals: Present, but usually seen only a few times each year. Plants: Few individuals, usually restricted to small areas of rare habitat.	
Occasional	Animals: Occurs in the park at least once every few years, but not necessarily every year. Plants: Not applicable.	
Unknown	Abundance unknown.	
NA	Not Applicable – Abundance does not apply to the scientific name in the park.	All names on a park's list that do not have a <i>Park Status</i> of Present should have a <i>Residency</i> of NA.
Residency	Current residency classification for each ANIMAL species in each park.	Applicable only to ANIMALS with the <i>Local List</i> checkbox checked and a <i>Park Status</i> of "Present". The values attempt to balance temporal and behavioral considerations. In practice, the entered value should apply (although there are numerous exceptions) to the residency of the organism at the time that the organism is engaged in its principle behavior (e.g. breeding, migrating, hibernating, etc.) in, or most important behavior to, the park. A future generation of NPSpecies will address the coding of Residency (and associated Abundance) to separate out the temporal and behavior aspects. The Data Source field for Residency is available to provide a citation that specifically addresses Residency in more detail.
Breeder	Population reproduces in the park.	
Resident	A significant population is maintained in the park for more than two months each year, but it is not known to breed there.	
Migratory	Migratory species that occurs in park approximately two months or less each year and does not breed there.	
Vagrant	Park is outside of the species' usual range.	
Unknown	Residency status in park is unknown.	

Column	NPSpecies Definition	Comment/Example
NA	Not Applicable – Residency does not apply to the scientific name in the park.	All names on a park’s list that do not have a <i>Park Status</i> of Present should have a <i>Residency</i> of NA.
Nativity	Nativity classification for each organism for each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked. If the park-status of an organism is not “Present in Park”, then nativity represents the nativity if the organism were eventually confirmed in the park.
Native	The organism is native, or would be native, to the park (either endemic or indigenous).	
Non-Native	The organism is not native, or would not be native, to the park (neither endemic nor indigenous).	Cultivated organisms as defined under the <i>Cultivation</i> field are also considered non-native.
Unknown	Nativity is unknown relative to the park.	
NA	Not Applicable	Applies to names that do not represent organism names for the locale of the park.
Cultivation	Cultivation classification for each non-native organism in each park.	Applicable only to organisms with the <i>Local List</i> checkbox checked, a <i>Park Status</i> of "Present" or "Probably Present" and a <i>Nativity</i> of Non-Native. Cultivation is intended to distinguish between non-native organisms that were introduced as part of a park’s mission, and non-native organisms that occur in the park naturally. Cultivation was not intended to apply to organisms that are cultivated for landscape purposes and have not persisted into the natural environment, for example plants in gardens or terrariums, or animals in enclosures. In general, NPSpecies was not intended to include controlled, “domestic” organisms.
Cultivated	A non-native species that is currently cultivated in the park.	
Persistent	A non-native species that persists in the park (either reproducing or non-reproducing) from a previous cultivation in the park.	

Column	NPSpecies Definition	Comment/Example
Not Cultivated	A non-native species that is not currently cultivated in the park.	
Unknown	A non-native species for which the cultivation in the park is currently unknown.	
NA	Not Applicable – Cultivation does not apply to the non-native scientific name in the park.	All names on a park's list that do not have a <i>Park Status</i> of Present or Probably Present and a <i>Nativity</i> of Non-native should have a Cultivation of NA.
TSN		<i>TSN</i> is ubiquitous throughout the database and represents several taxonomic/nomenclature fields including <i>Standard Scientific Name, Kingdom, Category, Order, Family, Rank, Authority, Standard List, Standard Accepted Name, Standard Accepted TSN, Local List, Local Accepted Name, Local Accepted TSN</i> . See STANDARD CLASSIFICATION and LOCAL CLASSIFICATION for the respective definitions.