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## GLOSSARY

**accessible shoreline area (or ORV-accessible shoreline area; TBD)**—Lake Powell shoreline areas where vehicle access is permitted.

**aeolian**—Pertain to the winds' ability to shape the surface of the Earth (commonly referred to as “wind erosion”)

**aestivate**—To pass the summer in a state of torpor; similar to hibernate (in winter).

**all-terrain vehicle (ATV)**—A nonconventional motor vehicle that is designed primarily for off-road use (falling under the broader term ORV) and that is not registered for interstate travel.

**alluvial**—A fine-grained fertile soil deposited by water flowing over flood plains or in river beds

**alluvium**—A deposit of sand, mud, etc., formed by flowing water. The sedimentary matter deposited especially in the valleys of large rivers.

**arable**—Land that can be or is cultivated. Land that is capable of producing crops; suitable for farming, suited to the plow.

**A-weighted decibel**—A-weighted decibels, abbreviated dBA, or dBa, or dB(a), are an expression of the relative loudness of sounds in air as perceived by the human ear.

**biological crust (biotic crust)**—Crust of soil particles bound together by organic material that are formed by living organisms and their by-products.

**bovid**—An animal related to or belonging to the *Bovidae*, a family of ruminant artiodactyls hollow-horned mammals including sheep, goats, cattle, antelopes, and buffalo.

**candidate species**—Those species being considered by the U.S. Fish and Wildlife Service for listing as threatened or endangered as published in the Federal Register.

**chronometric dating**—A dating method that provides an actual age in years for a defined piece of material or event.

**clay barren**—Areas characterized by bare clay with little or no "green" vegetation present regardless of its inherent ability to support life. Vegetation, if present, is more widely spaced and scrubby than that in the "green" vegetated categories; lichen cover may be extensive.

**colluvial**—A loose deposit of rock debris accumulated through the action of gravity at the base of a cliff or slope.

**conservation agreement**—Conservation measures for species that are proposed for listing, are candidates for listing, or are likely to become candidates in the near future.

**conventional motor vehicle**—Conventional motor vehicles are automobiles (i.e., jeeps, trucks, cars) and other vehicles that are licensed and registered for interstate travel.

**coprolite**—A stony mass consisting of fossilized fecal matter of animals.

**decibel (dBA)**—A unit of measure of sound intensity.

**designated off-road vehicle (ORV) area**—Areas in the recreation area where the public is allowed to leave the designated road and drive to Lake Powell's shoreline to fish, camp, picnic, boat, or engage in other recreational activities.

**development concept plan (DCP)**—Proposes a range of alternatives to provide for future visitor access at varying Lake Powell water levels and to address changes in visitor services, visitation levels, and visitor expectations. The plans also ensure the protection of park resources and values.

**diurnal**—Active by day.

**endangered species**—“...any species (including subspecies or qualifying distinct population segment) that is in danger of extinction throughout all or a significant portion of its range (ESA Section 3(6)).” The lead federal agency, U.S. Fish and Wildlife Service, for the listing of a species as endangered is responsible for reviewing the status of the species on a five-year basis.

**endemic**—Native to or confined to a particular region.

**environmental assessment (EA)**—A concise public document, prepared in compliance with the National Environmental Policy Act, that briefly discusses the purposes and need for an action, and provides sufficient evidence and analysis of impacts to determine whether to prepare an environmental impact statement or finding of no significant impact (40 CFR 1508.9).

**environmental impact statement (EIS)**—A document prepared to analyze the impacts on the environment of a proposed project or action and released to the public for comment and review. EISs are prepared when there is the potential for major impacts on natural, cultural or socioeconomic resources. An EIS must meet the requirements of National Environmental Policy Act, Council on Environmental Quality, and the directives of the agency responsible for the proposed project or action.

**fecundity**—The ability to reproduce

**finding of no significant impact (FONSI)**—A document prepared by a federal agency showing why a proposed action would not have a significant impact on the environment and thus would not require preparation of an environmental impact statement. A FONSI is based on the results of an environmental assessment.

**forb**—Any herbaceous plant that is not a grass.

**full pool**—Term used to describe the water level of a reservoir at normal operating conditions.

**hanging garden**—Spring-fed colonies of plants found clinging to vertical cliff walls.

**herbivore**—An animal that eats a diet consisting primarily of plant material.

**hibernation**—An inactive state resembling deep sleep in which certain animals living in cold climates pass the winter. In hibernation, the body temperature is lowered and breathing and heart rates slow down. Hibernation protects the animal from cold and reduces the need to food during the season when food is scarce.

**hydrologic cycle**—The natural sequence through which water passes into the atmosphere as water vapor, precipitates to earth in liquid or solid form, and ultimately returns to the atmosphere through evaporation.

**interfluve**—The land area separating adjacent stream valleys.

**off-highway vehicle (OHV)**—Utah definition of OHV is any snowmobile, all-terrain Type I vehicle, all-terrain Type II vehicle, or motorcycle. Arizona definition of OHV is any vehicle operated on unimproved roads, trails and approved use areas not suitable for conventional two-wheel-drive vehicular travel. Examples include ATVs, trail motorcycles and dirt bikes. It does not apply to pickup trucks, SUVs, cars, and other recreational vehicles.

**off-road vehicle (ORV)**—A motorized vehicle (ATV or conventional) designed for or capable of cross-country travel on or immediately over natural terrain.

**palimpsest**—A collection of archaeological artifacts, ecofacts, and material that may not be related - that are together through accident or natural forces rather than human activity.

**physical crust (nonbiotic crust)**—Soil crusts that are primarily formed by raindrop impact, which breaks down the soil and fixes small-diameter silt and clay particles to the surface, creating strong, dense, soil layers ranging in thickness from 1 millimeter to 3 centimeters.

**radiocarbon dating**—A dating method that uses the naturally occurring radioisotope carbon-14 ( $^{14}\text{C}$ ) to estimate the age of carbon-bearing materials up to about 58,000 to 62,000 years.

**relict plant community**—A plant community that once had a wider distribution but now only occurs in a localized area.

**riparian**—Relating to or living or located on the bank of a natural watercourse (as a river) or sometimes of a lake or a tidewater.

**RS 2477 rights-of-way**—Section 8 of the Mining Act of 1866 provided: “and be it further enacted, that the right-of-way for the construction of highways over public lands, not reserved for public uses, is hereby granted.” The statute was self-enacting; rights being established by “construction” of a “highway” on unreserved public lands, without any form of acknowledgement or action by the Federal government. This section of the statute was later re-codified as Revised Statute 2477

**sedentism**—A way of life in which people remain settled in one place throughout the year.

**spark arrester**—A device used to stop or keep sparks from escaping.

**special-status species**—Plant and animal species federally or state listed as endangered or threatened, or otherwise judged to be in need of protection.

**species of concern**—Species for which credible scientific evidence exists to substantiate a threat to continued population viability.

**street-legal ATV**—An ATV that qualifies under the state’s motor vehicle and traffic code to be operated on state roads and highways. Dune buggies, sand rails, go-karts, and rock crawlers cannot be licensed as street-legal.

**threatened species**—Any species that is likely to become endangered within the foreseeable future throughout all or a part of its range, as listed by the USFWS in the Federal Register.

**torpor**—A state of mental or physical inactivity or insensibility.

**unpaved GMP roads**—Unpaved GMP roads in Glen Canyon are open to travel by conventional motor vehicles and ATVs that meet the street-legal definition under Utah state motor vehicle and traffic code, currently described at UCA 41-6a-1509, “Street-legal all-terrain vehicle — Operation on highways — Registration and licensing requirements — Equipment requirements.”





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