
Killer Whales Of The World : Natural History And Conservation

killer whale - ammpa - • killer whales are the largest predator of warm-blooded animals alive today (nowak, 1999). some killer whales eat marine mammals such as seals, sea lions, baleen whales, other toothed whales, walruses and occasionally sea otters. killer whales have been reported to eat many other types of **name: killer whales - superteacherworksheets** - name: _____ killer whales a killer whale is also known as an orca. it is black and white and usually found near polar ice regions. the males are up to 30 feet long and can live between 50-60 years. females are 15 feet in length and can live between 60-80 years. killer whales eat dolphins, penguins, fish and squid. **the ecological role of marine mammal-eating killer whales ...** - ecological role of marine mammal killer whales in the north pacific ocean surrounding alaska. marine mammal commission, bethesda, md 20814. 40 pages. report availability this report is available at mmc. photographs and figures figure 1: high latitudes of the north pacific ocean, including the bering sea and gulf of alaska. **killer whale - welcome to orca network** - they are, indeed, whales with a culture. in killer whale societies, as in our own, identity is defined by the company you keep and what you do. it's staggering to imagine how ... is a completely different killer whale - in fact, several. killer whales are also called orcas. many of us who have seen this animal relentlessly battering their ... **killer whale research & conservation 2018 grant slate** - the preferred prey for southern resident killer whales and the populations of chinook have not only decreased in number, but have also decreased in size and have experienced temporal and spatial changes over 'natural' migrations due to hatchery management. the roundtable met to prioritize which chinook runs were most important for killer whales **killer whale: study how do we study killer whales?** - killer whale: study can follow groups of killer whales while monitoring their vocal behavior with hydrophones and use such bouts of vocalizations as an indicator that a kill has occurred. using this approach, volker deecke and colleagues have shown that groups of killer whales dismembering a marine **killer whales and their prey in iceland - earthwatch** - killer whales have long been known to commonly occur in iceland but the icelandic orca project represents the first long-term research program dedicated to understanding their ecology, behaviour and conservation status. **killer whales: the captivity of orcas for human entertainment** - killer whales (orcas) are the most intelligent and largest sea mammals, and serve top predators in the ocean ecosystem. moby doll was the first captive orca in 1964 and was exhibited in the vancouver aquarium. **killer whales and snake river dams** - southern resident killer whales and snake river dams . southern resident killer whales are a distinct population of killer whales that eat primarily salmon and spend much of the summer months in the inland waters of the salish sea. noaa fisheries listed southern residents as endangered in 2005, and in 2015 named the whales . **neuroanatomy of the killer whale orcinus orca) from ...** - understanding of the brains of killer whales. a few studies address the size of the killer whale brain (pilleri and gihl, 1970; marino, 1998, 2002) or a specific brain structure such as the corpus callosum (tarpley and ridgway, 1994). there are, however, no published descriptions of the basic neuroanatomy of the killer whale. in the **southern resident killer whales and west coast chinook salmon** - killer whales, a small subset of all killer whales on the west coast, consume an estimated 190,000 to 260,000 adult chinook salmon each year. like the southern residents, some of these salmon stocks are endangered or threatened. this includes puget sound chinook, as well as other chinook from the columbia, snake, **killer whale presence leads to white shark desertion of ...** - killer whales show up. we found that the number of predation events by white sharks correlated with the number of northern elephant seals counted, with an average of 40 pinnipeds killed by sharks per year. however, when killer whales were within 3 km of the island, which occurred in 2009, 2011, and 2013, the number of pinnipeds killed by sharks **killer whales and water pollution - darling cetaceans** - killer whales had higher pcb levels than any of the other animals they were compared to in the data. pcb levels were also higher in the transient whales than in the southern and northern resident whales. crabs actually had a higher pcdd/f level when compared to the other animals. transient killer whales also had a higher pcdd/f level than the **killer whale: evolution killer whale evolution** - killer whales, like other toothed cetaceans, use sound for communication, navigation, and locating prey. a landmark study by john ford in the 1980s revealed that each resident killer whale pod has a unique dialect (repertoire of stereotyped calls), **killer whale: around the world - alaska, aleutian islands ...** - killer whale: around the world - alaska, aleutian islands peninsula, near unimak pass, where migrating gray whales cross a shallow-water shelf as they make the turn northwards into the bering sea. this is a gathering ground for 100 or more transient killer whales each spring that come to intercept the grays. essentially all of the shore-hugging ... **case 2:19-cv-00487 document 1 filed 04/03/19 page 1 of 21** - resident killer whales to observe, photograph, study, and otherwise enjoy southern resident killer whales and their habitat. center members have an interest in southern resident killer whales and their habitat, including waters around the san juan islands and along the pacific coast. **southern resident orca task force - governor.wa** - on march 14, 2018, gov. jay inslee signed executive order 18-02: southern resident killer whale recovery and task force. through this executive order, the governor directed state agencies to implement nine immediate actions to benefit southern resident killer whales (hereafter in this

report "southern resident orcas"). **orca (killer whale) - acsmerclicks** - although there are no documented cases of killer whales attacking a human in the wild. physical shape the orca is a stout, streamlined animal. it has a round head that is tapered, with an indistinct beak and straight mouthline. **quantifying the effects of prey abundance on killer whale ...** - which salmon populations overlap with killer whales seasonally and spatially, so that those salmon populations important as prey for killer whales can be identified and targeted for conservation efforts. key words: bayesian model selection, killer whale, management of endangered species, predator-prey interactions, resource limitation, salmon **cooperative hunting behavior, prey selectivity and prey ...** - killer whales are fast-swimming, long-lived, intelligent, social animals and the largest apex predators in the ocean. not surprisingly then, their predatory habits have been cited as a major force in shaping marine ecosystems. in higher latitudes, where they occur most commonly (forney and wade 2006), killer whales have been **southern resident killer whale task force | draft ...** - recovery plan for southern resident killer whales (*orcinus orca*) by the national marine fisheries service (2008) and its goal of an average population growth rate of 2.3 percent per year for 28 years. between now and 2022, our goal is to witness evidence of consistently well-nourished whales and **killer whale (orcinus orca)** - killer whales are the most widely distributed cetacean. they occur in especially large numbers at high latitudes with an abundance of prey. sounds killer whales produce a variety of sounds for navigation, feeding, and socializing. they produce echolocation clicks to locate prey, but also use these sounds during social interactions. **2015 killer whale research and - nfwf** - the killer whale research and conservation program supports efforts to advance the knowledge and conservation of killer whales with a primary focus on activities that aid in the recovery of the southern resident killer whale distinct population segment (dps). the program may also support catalytic projects in other killer whale populations. **the natural history and ecology of killer whales** - the natural history and ecology of killer whales lance g. barrett-lennard and kathy a. heise in his landmark book on marine mammals of the northeastern pacific, whaling captain charles scammon remarked that killer whales "may be regarded as marine beasts, that roam over every ocean; entering bays and lagoons where they spread **killer whale (orcinus orca): northern gulf of mexico stock** - killer whale (*orcinus orca*): northern gulf of mexico stock. ... despite extensive shelf surveys (o'sullivan and mullin 1997), no killer whales have been reported on the gulf of mexico shelf waters other than those reported in 1921, 1985 and 1987 by katona et al. (1988). killer whales were seen only in the summer during gulfcet aerial surveys ... **blubber, or how do they stay warm in such cold water** - blubber, or how do they stay warm in such cold water? orca scientists, killer whales next to humans, are the most widely distributed mammals on the planet. they are found in all the oceans of the world but are most commonly found in the cooler waters both north and south of the 50th parallel. **killer whale (orcinus orca)** - transient killer whales. although they are known to feed on a large number of prey species, the resident and transient populations have remarkably different diets. resident killer whales feed on fish, particularly chinook and chum salmon, whereas transient killer whales feed on marine mammals. **killer whale (orcinus orca): western north atlantic stock** - killer whale (*orcinus orca*): western north atlantic stock k stock d efinition and geographic range killer whales are characterized as uncommon or rare in waters of the u.s. atlantic exclusive economic zone (eez) (katona et al. 1988). the 12 killer whale sightings constituted 0.1% of the 11,156 cetacean sightings in the 1978-81 cetap **a photographic catalog of killer whales, orcinus orca ...** - sound killer whales (hall, 1981). in 1984, prince william sound whales were first assigned to pods based on observed associations of individuals (leatherwood et al., 1984). this resulted in the production of the first catalog of prince william sound killer whales (ellis, 1984); the catalog was updated in 1987 (ellis, 1987) **killer whales sp 06 cb pages - cascadia research** - childhood memories of killer whales actually date to two years later, when the same aquarium got its second whale, a white animal named chimo, so i had been exposed to killer whales at a very young age. like most people in victoria, i probably thought that killer whales were quite exotic animals. within a few years though, at perhaps the age of **thesis on killer whales - department of zoology, ubc** - my reverie was shattered when six killer whales surfaced beside me, their blows cracking like rifle shots. as my heart crashed wildly, two of the huge animals circled an oar's distance from the dingy, turning on their sides to look up at me through the clear water. these were the first killer whales i had seen in the wild. would **killer whale (orcinus orca): eastern north pacific ...** - min) for the eastern north pacific southern resident stock of killer whales is 82 animals. current population trend during the live-capture fishery that existed from 1967 to 1973, it is estimated that 47 killer whales, mostly immature, were taken out of this stock (ford et al. 1994). the first complete census of this stock occurred in 1974. **southern resident killer whales and west coast chinook salmon** - southern resident killer whales and west coast chinook salmon endangered southern resident killer whales prey primarily on chinook salmon that historically returned in great numbers to rivers up and down the west coast. noaa fisheries analyzed **killer whales in new zealand waters: status and ...** - visser: killer whales in new zealand waters sc/59/sm19 3 (visser & bonaccorso 2003, visser unpubl. data). one killer whale regularly observed in nz waters has a very distinctive dorsal fin and a killer whale in australian waters has a similar fin, which has resulted in unsubstantiated anecdotal reports of exchanges between the two populations. **killer whales and marine mammal trends in the north ...** - killer whales and marine mammal trends 769 north pacific populations of these same species, results in a picture that is not nearly as simple or as elegant as that

suggested by the springer et al. hypothesis. in this critique, we systematically review the data and assumptions underlying **journal of comparative psychology - apa** - the killer whales were caught in the wild, whereas the remaining 18 were born in captivity and ranged in age from 3.16 to 29.42 years (m 15.89 sd 8.58 years). the whales are housed in interconnected pools with a mean total volume of 22.845 m³ (sd 571.77 m³). water quality management programs are based on treatment of marine water, whereas **killer whales of the aleutian islands - npfmc** - mark-recapture abundance estimate of transient killer whales (durban et al. 2010 marine biology) mark-recapture estimate: 345 (95% ci 255-487) line-transect estimate: 251 (95% ci 97-644) different interpretations m-r is an estimate of all whales using the area rather than just the number of whales in the area during the **seasonality of killer whale (orcinus orca ecotypes in the ...** - resident killer whales travel in stable pods consisting of one or more matriline, the smallest killer whale social unit consisting of a female and her offspring, from which there is little to no dispersal (ford 1989; bigg et al. 1990). there are two communities of resident killer whales that frequent the waters from northern british columbia to **dietary specialization in two sympatric populations of ...** - dietary specialization in two sympatric populations of killer whales (orcinus orca) in coastal british columbia and adjacent waters john k.b. ford, graeme m. ellis, lance g. barrett-lennard, alexandra b. **the killer whale - have fun teaching** - whales from the arctic were really neat, but it was the killer whales especially that had his heart. for hours, from the park opening until closing, he could watch them. **high pcb concentrations in free-ranging pacific killer ...** - lents (teq) in most killer whales sampled easily surpassed adverse effects levels established for harbour seals, suggesting that the majority of free-ranging killer whales in this region are at risk for toxic effects. the southern resident and transient killer whales of british columbia can now be considered among the most contaminated **killer whales in papua new guinea waters - orca research** - killer whales in papua new guinea waters ingrid n. visser orca research trust, p.o. box 402043, tutukaka, 0153, new zealand. ingrid@orca abstract although typically considered a temperate to cold water species, killer whales (orcinus orca) have been reported intermittently in tropical waters. research on papua new guinea killer whales is ... **use of chemical tracers in assessing the diet and foraging ...** - shore killer whales were shown to consume a diet that is clearly distinct from those of sympatric residents and transients. thus, the current study increases the knowledge about the role of killer whales in the marine food web. 2. materials and methods 2.1. killer whales sampled **results of a photoidentification study of killer whales ...** - results of a photoidentification study of killer whales (orcinus orca) in the northwestern pacific in 1995-2008 tatiana shulezhko, hal sat02, evgeny mamaev3, vladimir burkanov 1,4 (1) kamchatka branch of pacific institute of geography, feb, ras, petropavlovsk-kamchatsky, russia; tulezhko@gmail **killer whales in hawaiian waters: information on population identity and feeding habits**1 robin w. baird,2 daniel j. mcsweney,3 christopher bane,4 jay barlow,5 dan r. salden,6 la'ren k. antoine,3 richard g. leduc,5 and daniel l. webster3 abstract: killer whales (orcinus orca) have only infrequently been reported **killer whales as predators of large baleen whales and ...** - killer whales as predators of large baleen whales and sperm whales randall r. reeves, joel berger, and phillip j. clapham three or four of these voracious animals do not hesitate to grapple with the largest baleen whales; and it is surprising to see those leviathans of the deep so completely paralyzed by the presence of **h-2044.2 house appropriations (originally sponsored by ...** - 9 population of southern resident killer whales has declined in recent 10 years and currently stands at a thirty-year low of seventy-four 11 animals. 12 (2) the governor convened the southern resident killer whale task 13 force after the 2018 legislative session to study and identify **trophic cascades: predators, prey, and the changing ...** - killer whale predation (estes et al. 1998), and similar but somewhat earlier population declines by harbor seals and steller sea lions may have been driven by this same process (williams et al. 2004). the mystifying question is why killer whales changed their feeding habits. springer et al. (2003) proposed an **explaining the role of whales in marine ecosystems - marine mammal** - the role of whales in southern ocean ecosystems lisa t. ballance, robert l. pitman, and robert l. brownell, jr. southwest fisheries science center, nmfs, noaa, u.s.a.

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