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# Killifish

**killifish: species, tank conditions, diet and breeding ...** - the killifish family is a very diverse and widespread group of fish. they have adapted to live in a huge range of different habitats and are found in almost all continents across the world, except for australia and antarctica. killifish are mainly found in shallow sub-tropical and tropical waters. - **introduction - how to hatch the eggs - how to raise ...** - killifish, or killies for short, belong to the order cyprinodontiformes or egg laying toothcarps. the name "killi" is derived from the dutch word meaning "creek". killies, in other words, are "fish from the creek". but the name is a misnomer as killies, which can be found in almost every part of the world, also live in **panchax vs. killifish: the origin of "panchax"** - panchax vs. killifish: the origin of "panchax" albert j. klee an ichthyologist defining and naming a new genus must specify one species as its type, referred to as the "type species." the rules of zoological nomenclature used by ichthyologists state that the generic name goes with the type species. **striped killifish fundulus majalis** - striped killifish fundulus majalis contributor: phil maier description taxonomy and basic description walbaum first identified the striped killifish in 1792. the striped killifish is the largest member of the genus in south carolina; it is known to frequently reach lengths of 152 to 178 mm (6 to 7 inches) in the western central atlantic. **introduction to killifish english - mkka** - 2 - introduction to killifish "we were all beginners once; we're all beginners still"- quote from the aka beginner's committee killifish, or killies for short, belong to the order cyprinodontiformes or egg laying toothcarps. **bayou killifish (fundulus pulvereus) erss - fws** - the bayou killifish is an opportunistic omnivore that utilizes marsh floodplains to forage for prey, and is a link in the trophic interactions taking place within estuaries. parasitological observations resulted in the documenting of fourteen species; all but **mummichog and striped killifish** - killifish. both are found the entire length of the mid-atlantic region close to shore (within 110 m for mummichogs: armstrong and child 1965) and in bays, estuaries and tidal creeks (hardy 1978). striped killifish penetrate tidal rivers only as far as the mean boundary between fresh and **killifish - ornamental fish** - killifish, or 'killies', are a diverse group of generally small, colourful fish. their name is believed to be derived from the dutch for 'pool' or 'puddle'. owing to the temporary nature of their habitat, some species have evolved interesting reproductive strategies to ensure the survival of the species. **husbandry of the annual killifish austrofundulus limnaeus ...** - husbandry of the annual killifish austrofundulus limnaeus with special emphasis on the collection and rearing of embryos ... **fish identification guide for throw trap samples** - fish identification guide for throw trap samples florida international university aquatic ecology lab april 2007 prepared by tish robertson, brooke sargeant, and raúl urgellés **scientific name: fundulus zebrinus - us forest service** - the plains killifish inhabits shallow waters that rarely exceed 15 cm therefore they may be negatively impacted by grazing livestock via trampling. plains killifish deposit their eggs in or on the sand bottom thus grazing livestock may negatively impact plains killifish reproduction by stirring up sediment that may cover and suffocate eggs. **banded killifish fundulus diaphanus - illinois dnr** - banded killifish fundulus diaphanus kingdom: animalia division/phylum: chordata class: osteichthyes order: atheriniformes family: fundulidae **northern plains killifish - fundulus kansae abundance ...** - northern plains killifish - fundulus kansae introduction the northern plains killifish is native to the great plains region of central north america, where it ranges from southeast montana, south dakota, and missouri south to texas (rahel and thel 2004). populations have been **pike killifish - tampa bay estuary program** - among mature fish, females are larger than males and significantly more numerous. notes: • potential impacts - pike killifish exert strong pressure on small native fish through direct predation. • mosquitoes - pike killifish like to eat the native eastern mosquitofish, which are predators on mosquito larvae. **fishes of the connecticut river watershed** - fishes of the connecticut river watershed (from the silvio o. conte national fish and wildlife refuge final action plan and environmental impact statement, october, 1995, u. s. fish and wildlife service, hadley, ma) **a history of the american killifish association - aka** - this article describing the early history of the aka was originally published in january 1971 (killie notes 4:(1) 22- 28). it is of interest to those who have joined the organization since. killie notes was a sister publication to jaka that was merged with the latter in 1974. **california killifish (fundulus parvipinnis ecology of the ...** - ecology of the brain trematode euhaplorchis californiensis and its host, the california killifish (fundulus parvipinnis) j. c. shaw, r. f. hechinger, k. d. lafferty\*, and a. m. kuris department of ecology, evolution and marine biology, marine science institute, university of california, santa barbara, california 93106-9610. **striped killifish - state.nj** - striped killifish catch totals by year \*striped killifish were only caught during the years shown nj department of environmental protection division of fish and wildlife bureau of marine fisheries njfishandwildlife **some observations on the waccamaw killifish** - tion of the banded killifish found itself trapped in the lake at the southern extreme of its current range, and through time, genetically drifted from the parent stock, adapting to a large, open-lake ecosystem, while other parent diaphanus specimens remained in the smaller creeks and rivers favored by the banded killifish. **mitochondria as a target of benzo[a]pyrene toxicity in a ...** - river, va. the atlantic killifish (fundulus heteroclitus) from this site exhibit increased levels of antioxidants, increased sensitivity to hypoxia, and increased expression of enzymes involved in glycolytic metabolism, suggesting that exposure to pahs in the environment may induce changes in mitochondrial

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function and energy metabolism. **banded killifish (fundulus diaphanus)** - the banded killifish, *fundulus diaphanus* (Lesueur 1817) is a member of the family Fundulidae (Nelson 1994). This species is one of only two members of the *Fundulus* genus found in Newfoundland, the other being the mummichog, *f. heteroclitus*. The banded killifish is described as having olive colored sides with **american killifish association judging committee - aka** - general provisions of the plan, the administrative procedures and the criteria by which killifish are judged. 5.0 theory of judging: the fundamental principal by which all killifish are judged is the degree to which the specimen is a fair representative of the species. The generic phrase that describes the determination of this fact is ..... **hhs public access - geroc** - killifish and medaka, a fish with a high-quality sanger-sequenced genome (figure s2a- s2d). Together, these results indicate that protein-coding genes, including paralogs, are well annotated in the turquoise killifish assembly, although some split genes may be misannotated as paralogs. **protocol efficient genome engineering approaches for the ...** - the genome-to-phenotype platform in the turquoise killifish enabled efficient targeting of multiple disease- and aging-related genes. For example, this pipeline, combined with the turquoise efficient genome engineering approaches for the short-lived african turquoise killifish itamar hare<sup>1</sup>, Dario Riccardo Valenzano<sup>2,3</sup> & Anne Brunet<sup>1,4</sup> **a guide to keeping killifish - freeshell** - chapter 2. Introduction to killifish 3 184 2.1 what is a killifish? 185 the word killifish is a modification of the dutch term "kil vissen" that liter-186 ally means "stream fish". The first killifish was the mummichog *Fundulus heteroclitus*, which was discovered in a stream near New Amsterdam (modern 188 **enhancement of gulf killifish, fundulus grandis, fitness ...** - enhancement of gulf killifish, *Fundulus grandis*, fitness and reproduction a dissertation submitted to the graduate faculty of the Louisiana State University and Agricultural and Mechanical College in partial fulfillment of the requirements for the degree of doctor of philosophy in **fishes of west virginia** - fishes of west virginia west virginia is blessed with a variety of fish resources, including 178 species and 3 hybrid sport fishes distributed among 24 different families. Interestingly, approximately 20 percent are sport fishes, 80% are nongame fishes and 75% are found in just five families: carps/minnows (60 species), **banded killifish fundulus diaphanous** - the banded killifish is distinguished from others in the genus by a more elongate body, longer and more flattened snout, small scales and numerous narrow bars. Bars are darker than the background color in females and silvery in males (Rohde 1994 et al.). Status . The banded killifish has received legal status as a fish of concern in South Carolina. **the short-lived african turquoise killifish: an emerging ...** - the short-lived african turquoise killifish: an emerging experimental model for ageing Yumi Kim<sup>1,2</sup>, Hong Gil Nam<sup>2,3</sup> and Dario Riccardo Valenzano<sup>1,\*</sup> abstract human ageing is a fundamental biological process that leads to functional decay, increased risk for various diseases and, ultimately, death. Some of the basic biological mechanisms ... \* **this is an excerpt from protected animals of georgia ...** - least killifish does have a lateral stripe, but in contrast to the bluefin killifish, it is crossed by numerous vertical bars in both males and females. Female bluefin killifish could be confused with female pygmy killifish (*Leptolucania ommata*) and these species potentially co-occur in Georgia. **incidental take authorization - illinois dnr** - banded killifish habitat) are not anticipated. • project construction does not pose a risk to banded killifish. Tunnel construction will be performed from upland areas and will not impact banded killifish. Construction of the inlet and outlet structures will include some in-stream work, but is not anticipated to impact banded killifish. **convergence of life-history phenotypes in a trinidadian ...** - convergence of life-history phenotypes in a trinidadian killifish (*Rivulus hartii*) Andrew I. Furness, 1,2 Matthew R. Walsh, 3 and David N. Reznick 1 department of biology, University of California, Riverside, California 92521 2e-mail: andrew.furness@email.ucr 3 department of ecology and evolutionary biology, Yale University, New Haven ... **mummichog and striped killifish - njscuba** - killifish, males are smaller than females after the first year. The origin of the dorsal fin in the male is directly above or in advance of the origin of the anal fin (Rosen 1973). The caudal fin is rounded in both species (Hardy 1978). *Fundulus heteroclitus*: the snout is ... **hatching annual killifish eggs - selfishguy** - incubation in peat. I pack eggs for shipment the same way I do for storage, so the simplest incubation method is to just leave them in the zip bag as received. **altered behavior of parasitized killifish increases ...** - altered behavior of parasitized killifish increases susceptibility to predation by bird final hosts<sup>1</sup> Kevin D. Lafferty and A. Kimo Morris<sup>2</sup> Marine Science Institute and Department of Biological Sciences, University of California, Santa Barbara, California 93106 USA abstract. **the african turquoise killifish: a model for exploring ...** - the african turquoise killifish: a model for exploring vertebrate aging and diseases in the fast lane itamar hare<sup>1</sup> and Anne Brunet<sup>1,2</sup> 1 department of genetics, Stanford University, Stanford, California 94305 2 Glenn Laboratories for the Biology of Aging at Stanford, Stanford, California 94305 correspondence: annebrunet@stanford **vi intensive (non-pond) culture of gulf killifish** - the gulf killifish (*Fundulus grandis*) inhabits the estuarine waters of the Gulf of Mexico and Atlantic coast of Florida where it is commonly used as a baitfish by anglers for speckled trout, flounder, and red drum **list of native and naturalized fauna of virginia** - list of native and naturalized fauna of virginia April, 2018 (\* denotes naturalized species; \*\* denotes species native to some areas of virginia and ... banded killifish *Fundulus diaphanus* banded sculpin *Cottus caroliniae* banded sunfish *Ennaecanthus obesus* bigeye chub *Hybopsis amblops* **growing marine baitfish - florida sea grant** - killifish are stout-bodied, about one-fourth as deep as long. Their body is thickest just posterior of the pectoral fins. Both back and belly are rounded, and the top of the head is flat between the eyes

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and the snout. the mouth is at the tip of the snout **volume 18, issue 2. the killifish quarterly** - the killifish quarterly a publication of the suncoast killifish society an affiliate club of the american killifish association serving the central west coast of florida 2nd. quarter, 2012 volume 18, issue 2. **banded killifish - new jersey** - banded killifish *fundulus diaphanus* description: dark olive to dusky above numerous olive-brown vertical bars along silver side (bars more numerous and wider in males) long slender body top of head is slightly flattened nearly squared tail breeding males have yellow throat and fins **candidate species for florida aquaculture: gulf killifish ...** - candidate species for florida aquaculture: gulf killifish, *fundulus grandis* 2 otherwise pigmented caudal (tail) fin. breeding males will acquire a "beard," or darkening of the underside of the head and gill plates. females, as depicted on the right in figure 1, maintain a drab olive-brown color throughout the year with no speckles. **feeding and nutrition - agrilifecdn.tamu** - when gulf killifish are cultured in indoor closed systems, all of the nutritional requirements for survival and growth must be provided by the diet. using a nutritionally complete, high quality diet increases the efficiency of these intensive fish culture systems. the benefit of this type of system is the complete control over variables **biological sciences physiological resilience in killifish** - biological sciences physiological resilience in killifish. well, thank you for the invitation to come visit you chico. it's my first time here, and to come and share some of our research with you. ... **scargo lake - mass** - banded killifish. this pond was reclaimed for trout management in 1956. american eels dominated the fishery at that time. the lake was reclaimed again in 1961. white perch, eels and killifish made up the majority of species recovered. adult smallmouth bass broodstock were stocked in 1980. fish populations: **atlantic sturgeon striped bass - dec.ny** - banded killifish what is it? *fundulus diaphanus* is a fish how big is it? up to 4 in. long what does it eat? small crustaceans, insects (adult & larvae), worms **final dissertation 8-10-2015 - vii!** significant!changeseven!at!concentrationsthat!would!cause!overt!cardiotoxicity!in!kc! killifish.!juvenile!behavior!experiments!demonstrated ... **open marsh water management a source reduction technique ...** - open marsh water management a source reduction technique for mosquito control christopher r. lesser delaware mosquito control section this article discusses the techniques of open marsh water management, a management tool used in coastal saltmarshes to control mosquitoes, improve habitat resources for fish and

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