

Sport fishing and artisinal fishing in Jamaica couldn't be more different, but the success of sport may help the hard-working everyday fisherman more than you think.

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MARLIN TOURNAMENTS GROW ROOTS by Michael J. Sikoraa

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The Clamor Communique format has been reworked so you can easily distribute them as half-page pamphlets. Simply photocopy them double-sided in the order they are delivered here, fold copies in half, and staple in the middle. characteristics of a narrow island shelf, close-to-shore reefs, and small fishing area are distinctly different from the south coast fishery, whose reefs lie far off shore and are separated from the coast by a large shallow bank area. Due to these geographic differences, the two fisheries are considerably different in thein catch statistics and value, and only the north coast is considered in this article. *This article deals with the north coast fishery of Jamaica whose geographic

bout the only thing sport fishing and artisinal fishing in Jamaica have in common is the Caribbean Sea, but that may soon change. Sport fishing is typically the domain of the wealthy with large expensive yachts, fancy rods and lures, unlimited gas, cavernous coolers, and even bigger game fish. The deep sea is their proving ground and participants come from across the Caribbean region, especially the Bahamas and the Cayman Islands, to compete for the biggest marlin or largest total catch in Jamaica's circuit of fishing tournaments. Cash prizes and bragging rights are up for grabs. Artisinal fishers, on the other hand, exploit the sea in very different ways and for very different reasons. A typical north coast* fisherman may or may not own a small wooden or fiberglass boat, which may or may not have an outboard engine on it. He (there are literally no women artisinal fishermen, at least not in the central north coast area) usually relies on five or six traps for the majority of his fishing income. These traps—or fish pots—are constructed

> Fisheries Institute, 54th annual meeting, Providenciales, Turks & Caicos Islands, 12 ñ 17 November, 2001.

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The Discovery Bay Fisheries Reserve, Jamaica. Gulf & Caribbean Fisheries
Institute, 54th annual meeting, Providenciales, Turks & Caicos Islands, 12 ñ
17 November, 2001.

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	tion has the designation of a ficker monoid and that and
tional e Despite	area of fishing grounds. With this pelagic promise, however, there is an alterna-
the	pressure to catch and earn more ted many oblighing instrument back into the reserve. Then, there was no alternative option to compensate for the loss of an
	nate a reef fishery reserve was successful but only for a limited time before the
erman. Inis income is usually not enough to support the fisherman's family of earlier attempt to desig-	same time be initiating the conservation the limping reef fishery, and this may provide hope for the algal reefs of the north coast. An earlier attempt to desig-
e	artisinal fishermen. By taking control over their own resource, fishers will at the
	north coast, and thus the drastic improvement of living standards amongst
e ·	lead the drive towards the mobilization of fishing communities all along the
not own a hoat and can enter the water from anywhere and are thus not own a hoat and can enter the water from anywhere and are thus not	uiscovery Bay insiterment are moving, albeit slowly, in this direction. Then again, nothing hanners quickly in Jamaica This fishing community's efforts could
	management is the quintessential paradigm for sustainable development, and
	community for their own continued use. Community-level natural resource
and to foreigners. The grouper are scarce, and the species that are caught (parrothsh, doctornsh, anded over to the jacks) are often undersized. Secondary gear include hand lines, occasionally	cear purchased by DBML and funding agencies will be handed over to the
Ś	to facilitate the local management and sense of ownership of pelagic fish stocks
	fishing methods such as the long-line, the University of the West Indies hopes

in preferred bait, fishing times and locations, and seasonality. data collected from sport fishing tournaments, and we begin to see patterns when they reproduce, and what the best way to catch them is. Add to this the out there, where they are, how many of them there are, what they like to eat, stomach and look at what comes out. We want to know what kind of fish are Measure it. Take out its sex organs. Weigh them. Stick our hands in its records information about fishing methods and locations. We weigh the catch. catch they keep for personal consumption or sale. First, though, the lab hooks, weights, gasoline, and a boat with driver. Fishermen fish. What they bring some bait or some personal gear, the lab supplies some additional lines deep waters off Discovery Bay. The deal is simple: fishermen come along, figures the best place to begin is to invite local fishermen to participate with ecosystem with different members than the familiar reef environment. DBML wuk." This change in methods involves the crossover into an entirely different is usually met with a stubborn glare and "dat naah fi me" or "no dat naah go Jamaica is a very traditional pastime, and the prospect of new ways of fishing development business is by no means an easy task. Artisinal fishing in new project has brought these parties together again. Of course, this pelagic an over-exploited fishery. The relationship has been on-and-off since, but this Programme in the late '80s in an effort to begin to address the problems of worked together before, as DBML initiated the Fisheries Improvement of sport fishing tournaments and their catch statistics. These two groups have artisinal exploitation of the pelagic fishery resource, based on the successes Marine Laboratory (DBML) are mobilizing local fishermen to expand the Academics and scientists at the University of the West Indies' Discovery Bay in the same areas that sport fishers exploit. and catch a "whole heap" of fish. But gas costs money, and so the risk of three, four, five trips without catching anything, or they may make one trip motor around for a couple hours until their gas runs out. They may make of the island shelf only drag two or three lines behind their boat as they of exploiting this resource safely or efficiently. The fishermen who do go off selling their bigger fish to hotels. But most people do not own boats capable ermen earn a considerable amount more than their reef-fishing counterparts only a handful. Based out of the resort towns on the north coast, these fishthan continuing the onslaught against the reefs. problem is persuading traditional fishermen to opt for pelagic fishing rather ment on the size and value of fish catches for artisinal fishermen. The on fishing beaches. This pelagic fishery could provide a significant improvelab staff in conducting a stock assessment of the pelagic fish that live in the returning to land without a catch can deter fishermen from attempting to fish There are some artisinal fishermen who exploit the off-shore resource, but will significantly reduce the amount of people, and thus the amount of traps continue to rely on this traditional resource, but a successful pelagic fishery alternative deep sea fishing methods, and the more this happens, the less methods, and prospect of success. That day, they were asking when they eat whatever fish they can catch. Little, if anything, is wasted. Applying the amounts of by-catch, or non-targeted species that bite the hook anyway, are swordfish. The catches from these non-selective devices include way-too-high Japan can set lines 30 miles long with thousands of hooks as they target evaluate alternative fishing methods such as long-lining. The term "long-line" is artisinal fishermen. But the project is growing now, and we are gearing up to this fishery lies first and foremost with the people of Jamaica who rely on success of these tournaments is miniscule. Furthermore, the right to exploit fish species that live in these waters typically cover a large area in their life. the success of their sport, but the deep sea is a big place, and many of the nets, and spears, that fish the reef for sustenance. Of course, supporters of fishermen rely on the ailing reefs to provide a catch. Some fishermen will the marine laboratory grows, more and more fishers are being exposed to could participate. As this project between the local fishing community and 140 pounds of tuna. A day earlier, some fishermen had decried our project, trolling practices alone should result in a more valuable catch than the current this resource, and the lack of widespread local knowledge and gear for such catching targeted species of fish. We are promoting the low-level exploitation of line does not reach more than one or two miles long, and Jamaican fishermen not aim to reproduce these destructive methods. On an artisinal level, a long pulled on board, and then, dead, dying, or injured, are swept overboard. We do usually accompanied by a very negative connotation amongst environmentalists. deep sea fishing has always been done amongst the small portion of deep sea usually signifies the presence of the larger fish we're looking for. This is how day pulling four or five lines and hope we get lucky or spot birds feeding, which that most fishermen have some familiarity with: trolling. We cruise around for a who enjoy a recreational weekend fishing trip a couple times per year. fishing every day to support themselves and their families, rather than those times. The chances of a small scale artisinal pelagic fishery ruining the the sport fishing tournaments may argue that our efforts are threatening to Our partnership is beginning to pay off. One day we returned to shore with reet fishing effort. the same fate as the reef fishery. Furthermore, the catches from improved fishing methods precludes the prospect of an artisinal pelagic fishery meeting results of our assessment we can improve our fishing routine and chances of Huge, industrial long line fleets from wealthy nations like the United States and This partnership between academia and fishermen begins with a fishing method