

## *Small-scale fisheries in Tokushima Prefecture, Japan*

The coasts are home to many small-scale, often family-run fisheries, which do not come anywhere close to being acknowledged in a manner similar to their large scale, industrial counterparts (*In the Era of Change: Essays About Japanese Small-Scale Fisheries*, p11)". The goal of this series is to raise the profile of the Japanese small-scale fisheries (SSF) and to emphasize their importance in establishing sustainable SSF around the world. This time is about the SSF in Tokushima Prefecture, located on the island of Shikoku in Japan. Stay tuned for our upcoming stories! (TBTI Japan).

*Photos and drawing by Yukio Ueta*

*Introduction sentence for the photos: by Keisuke Mori*

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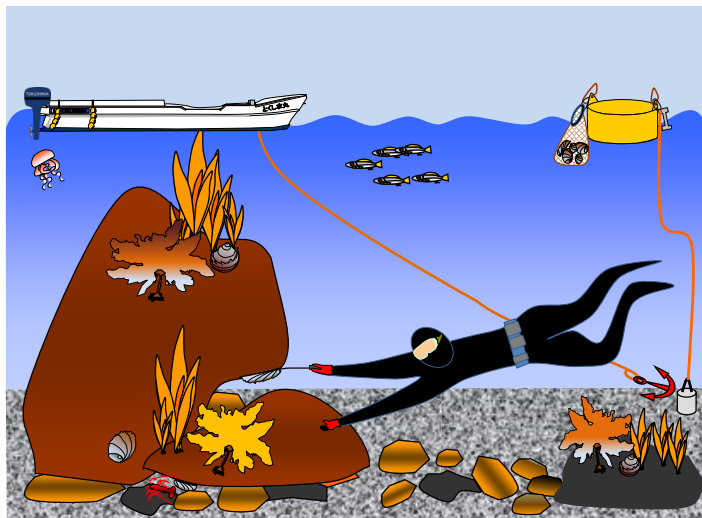
Fishery type	Year	Site	Photo credit	Overview of the fishery
Sujiaonori seaweed aquaculture	2010	Outlet of The Yoshino River	Yukio Ueta	Sujiaonori seaweed ( <i>Ulva prolifera</i> ), which belongs to Archaeplastida, occurs in brackish water. The fishermen spread the net on which spore attached to the outlet. After the upgrowth of the leaf body, they harvest that with the reaping device in the picture. It is a specialty product of Tokushima Prefecture, and the market share is above 95% of the total domestic production. It is used as flavoring stuff to the rice cake for the fragrance of the beach. The Yoshino is an important river and has a 1300 meter width and provides abundant nutrient salt to the sea.
漁業	撮影年度	撮影場所	提供者	漁業の概要
すじ青のり	2010	吉野川河口	上田 幸男	スジアオノリ( <i>Ulva prolifera</i> ) は、アオサ科アオサ属の海藻で、汽水域に生息する。人工的に胞子を付着させた網を展開し生育後収穫している。徳島県の特産物で、国内生産の95%以上を徳島県が生産している。強い磯の芳香を持つことから、米菓の香り付けなどに使われる。吉野川は河口部の川幅が1300mにもなり、多くの栄養塩を周辺海域に提供する重要な河川である。

2)



Fishery type	Year	Site	Photo credit	Overview of the fishery
Ama (male diver) fishery	2010	Ishima Island	Yukio Ueta	In the south area in Tokushima Prefecture, Skin Diving is popular in which the main catch is abalone ( <i>Haliotis discus</i> ) and turban shell. In order to protect the resource, scuba diving is strictly prohibited. And, smaller than 9-centimeter abalone in shell length is not allowed to catch nor the period from October 1st to January 31st. Artificially produced

				abalone is released to the fishery ground and supports the product
漁業	撮影年度	撮影場所	提供者	漁業の概要
海士漁	2010	徳島県伊島	上田 幸男	<p>県南では、素潜りでアワビ、サザエ等の貝類を採捕する漁業が盛んである。資源保護のために、スキューバ等空気呼吸器を使う潜水は禁止されている。加えて、採捕してよいアワビの殻長は9 cmより大きいもの、産卵期の10-1月は採捕が禁止されているなど、資源の管理を行っている。人工的に生産した種苗は、殻長30 mm程度で放流され、漁獲資源として有用である。</p>



Ama fishery

By Dr. Yukio Ueta (Principal at Fisheries Research Division of Tokushima Prefecture)