

ラオスにおける多様な非木材林産物は農家経済にとって高い有益性を持つ

Economic benefits of various non-timber forestry products to Lao PDR's farm economy

ラオスでは稲作を生業とし、森林から様々な産物を採取して生活している。本研究ではラオス中山間地域のN村を対象に一年間にわたって森林採取物の調査を実施した。

その結果、森林から約400種類の多種多様な非木材林産物が採集されていた。その内9割は自家消費であり、中でもキノコ類は周年的に採集され、安定した食料となっていた。また、ホウキグサなどの繊維部門の産物は地域住民の大きな現金収入源であった。

非木材林産物はN村の農家経済において、重要な役割を果たしていることが明らかになった。

In Laos, not only do they cultivate rice but they also harvest a variety of plants from the forest. In this research, we looked at the items harvested from the forest over the course of a year in a Laotian village called N, which is located in a lower mountainous area. Results revealed that over 400 different varieties of non-timber forest products are harvested, of which 90% are consumed at homes. Mushrooms are harvested throughout the year and form a part of their staple diet. Furthermore, products made from fiber plants such as broom grass are also major sources of income. Clearly, NTFPs play a vital part in the agricultural economy of the village of N.

表1 採取されたNTFPの部門別分類と種数、採取量及び経済価値
Table 1. Number of NTFPs, amount, economic value, purpose of collection, and main products based on the attributes of NTFPs collected

Category	Number of NTFPs	Amount collected		Economic value KIP	Intended use (%)		Main products
		Weight (Kg)	Number of pieces		Self-consumption	Sale	
NTFPs of plant origin	289	100	44,587	39,874	397,131,470	100	
Food	262	91	33,515	18,814	202,303,120	51	99
Edible wild plant	133		11,481	105	62,205,920		<i>Azadirachta indica, Centella asiatica</i>
Flower	10		347	5	854,700		<i>Musa</i> spp.
Fruit	19		2,384	1,872	6,674,750		<i>Livistona saribus, Dialium indum</i>
Bud	68		14,719	16,632	76,082,950		<i>Schinus molle, Calamus tenuis</i>
Root & Tuber	2		17		154,500		<i>Curcuma longa</i>
Spice	6		82		491,700		<i>Alpinia</i> spp.
Mushroom	24		4,485		55,838,600		<i>Lentinus polytrichus, L. Squarrosulus, Schizophyllum commune</i>
Craft	13	4	228	21,143	68,722,200	17	93
Fiber	4		7,891	114	119,961,650	30	9
Resin	2	1	1,240		2,598,400	1	9
Medicine	8	3	1,713	3	3,546,100	1	41
Per household			429	383	3,816,572		7
NTFPs of animal origin	124	100	5,331	5,543	172,372,200	100	
Mammals	21	17	133		49,816,400	29	97
Birds	19	15		2,244	10,150,000	6	98
Fish & shellfish	33	27	4,155	2,544	80,807,200	47	99
Reptiles	5	4		97	2,210,000	1	97
Amphibian	4	3	446	92	9,819,500	6	98
Insects	42	34	597	566	19,469,100	11	94
Per household			51	53	1,957,425		

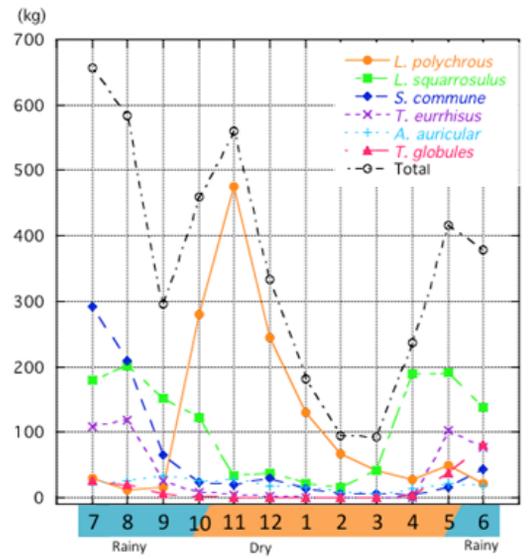


図1 キノコの月別採取量
Fig. 1. Monthly collection for each type of mushroom

