



SURVEY OF THE ORGANICALLY GROWN EDIBLE PLANTS SOLD IN BULANAO AND DAGUPAN PUBLIC MARKET

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Abstract: *There are twenty four (24) species of organically grown edible plants. These are: Herbs - Saluyot, Pikaw/Buragot, Sak-saklong, Kalunay, Lidoy/Abba, Amte, Daludal, Uggot ti sili, Pallang, Tungsoy, Borbortak, Pak-pako. Vines - Balangeg/Kangkong, Alugbati/Kobay, Uggot ti Kamote, Native Parya. Tree - Marunggay, Sabong ti Katuday, Pakak, Papaya, Pap-pait. Grass - Rabong, Apusi/Pap-pait. Shrubs - Sabonganay. Majority of the organically grown edible plants are herbs and all of the edible plants are affordable.*

The profile age of the vendors is 25 to 60 years old and most of the vendors. From age 25 to 50 years their profit served as money of their children in going to school. Vendor's age 51 to 60 years old their profit will serve to buy their tobacco, milk, sugar, salt.

Keywords: *Survey, Organic, Plants, Public Market, Grown*

RATIONALE

There is diverse wildlife present in the Province of Kalinga. This diversity is due to its various topographical conditions, which include mountainous, sloppy and flat landscapes. Because of these conditions, different sub-ecosystems are found in the area such as the dipterocarp, pine and mossy forests, freshwater (Chico River, Creeks, Fishponds) wetlands, grassland and the fertile flood plains ecosystems that support unknown number of biological resources. Since time immemorial, these biological resources provide the basic needs of the indigenous communities living in the areas. However, with the entry of "development", indigenous people treat these wildlife resources not only as their source of living but consider them as sources of additional cash income, this started the commercialization of these resources in the city of Tabuk, being the commercial center of the province. The way these biological resources are treated has ecological implications hence this research study.

STATEMENT OF THE PROBLEM

This study focuses on the Survey of Organically Grown Vegetables Sold in Bulanao and Dagupan Public Market. It answers the following questions:



1. To determine the different organically grown vegetables sold in Bulanao and Dagupan public market.
2. To know the market value of the different organic grown vegetables.
3. To catalogue the organically grown vegetables.

METHODOLOGY

The descriptive part included the gathering of data using unstructured interview by asking respondents (vendors) the local name of their commodity, when and where it was gathered. The randomized complete block design will be used as sampling blocks and the different market days as replications. The walk transect method was use in gathering the necessary data within the public markets. Any forms of wild plants (organic plant) species sold in each of the public market of the city during a regular market day was identified and recorded using a field record book.

STATISTICAL TREATMENT

This research was making use of the frequency count, means and percentage for the descriptive parts.

PRESENTATION OF FINDINGS



- (1) Native Name: Saluyot
English Name: (Herbs)
Scientific Name: *Corchorus Olitorius*
Market Value: P 10.00 – P 15.00



(2) Native Name: Kalunay
English Name: Spinach (Herbs)
Scientific Name: *Spinacia Oleracea Linn*
Market Value: P 10.00



(3) Native Name: Amte
English Name: (Herbs)
Scientific Name:
Market Value: P 10.00



- (4) Native Name: UggottiSili
English Name: (Herbs)
Scientific Name: *Capsicum Frutescens* Linn
Market Value: P10.00



- (5) Native Name: Tungsoy
English Name: Water Crest (Herbs)
Scientific Name: *Nasturtium Officinale*
Market Value: P10.00 – P 20.00



- (6) Native Name: Balangege/Kangkong
English Name: Swamp Cabbage (Vine)
Scientific Name: *Ipomoea Aquatica*
Market Value: P 10.00



- (7) Native Name: Kobay/Alugbati
English Name: (Vine)
Scientific Name: *Basella Alba*
Market Value: P 10.00



- (8) Native Name: UggottiKamote
English Name: Sweet Potato leaves (Vine)
Scientific Name: *Ipomoea Batalas Lam*
Market Value: P 10.00 – P 20.00



- (9) Native Name: Marunggay
English Name: (Shrubs)
Scientific Name: *MoringaOligefeira*
Market Value: P 10.00



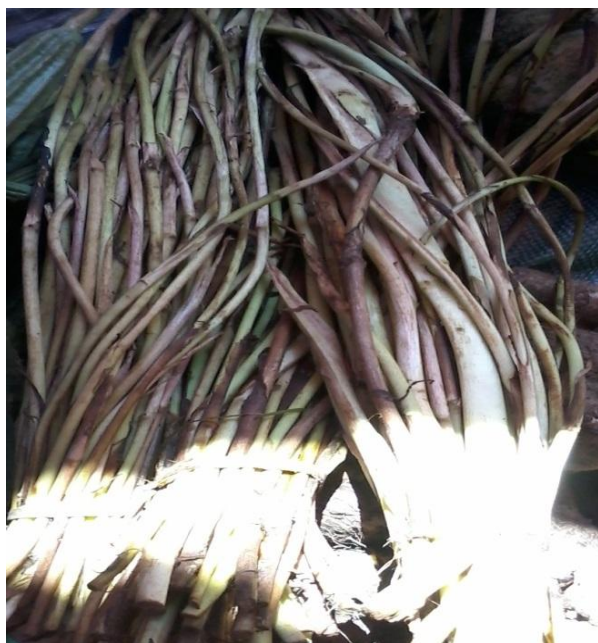
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|-------------------|-----------------------------|
| (10) Native Name: | Pako |
| English Name: | Vegetable Fern |
| Scientific Name: | <i>Diplazium Esculentum</i> |
| Market Value: | P 10.00 |



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|-------------------|-------------------|
| (11) Native Name: | Pikaw |
| English Name: | (Herbs) |
| Scientific Name: | |
| Market Value: | P 10.00 – P 20.00 |



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|-------------------|---------------------------|
| (12) Native Name: | Lidoy/Abba |
| English Name: | Taro (Herbs) |
| Scientific Name: | <i>ColocasiaEsculenta</i> |
| Market Value: | P 10.00 – P 25.00 |



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|-------------------|---------------------------|
| (13) Native Name: | Daludal |
| English Name: | (Herbs) |
| Scientific Name: | <i>ColocasiaEsculenta</i> |
| Market Value: | P 10.00 – P 20.00 |



- (14) Native Name: Pallang
English Name: Winged Beans (Vine)
Scientific Name: *Psophocarpus Tetragonolobus*
Market Value: P 10.00 – P 15.00



- (15) Native Name: Rabong
English Name: Bamboo shoot (Shrubs)
Scientific Name: *Bambusa Vulgaris*
Market Value: P 10.00 – P 15.00/glass P 20.00 – P 35.00/pcs



(16) Native Name:	Apusi
English Name:	(Shrubs)
Scientific Name:	
Market Value:	P 20.00 – P 30.00/ 3 pcs

CONCLUSION

1. There are still many organically grown vegetables that are sold in the market at very affordable prices.
2. Some of these vegetables are native plants that are only grown in farms as wild plants or even considered as edible weeds.
3. Some vegetables are not yet catalogued.

RECOMMENDATIONS

1. These organically grown vegetables should be cultivated and propagated so that there will be enough and continuous supply for consumption.
2. Organic propagation is recommended.
3. Cataloguing of these vegetables should be done frequently. Since, some of these vegetables may be endangered or may extinct; cataloguing is useful in monitoring the status of these plants.



REFERENCES

1. Braganza, Maria Sulit. *Journey to Life*. Valenzuela City: Mutya Publishing House, 2000.
2. Ballard, et al. *Science Probe*. 2nd ed. Toronto, Canada: John B. Wiley & Sons, 1992.
3. De Guzman, Ruth S., Guzman, Roger Z. 2000. *Environmental Education for Sustainable Development*. Wisdom Advocates Publishing, Quezon City.
4. McLaren R. *Health Biology*. England: Ginn and Company Inc. 2002.
5. Siezer, France. *Nutrition, Concepts and Controversies*. Singapore: Wadsworth Thompson Learning Asia, 2003
6. Lewis, Ricky, LIFE, C. Brown Publishing Company, New York, USA, 1991.
7. Primareva, J.H. "Mangroves," Haring Ibon, Bird Life International, June-July, 2001
8. Washington Post. Plant Three separate kingdoms, USA, 1999.
9. <http://www.pakissa.com>
10. <http://www.technion.oc.il/>