



KEMENTERIAN TENAGA
& SUMBER ASLI



ERE CONSULTING
GROUP



INTERNATIONAL DAY FOR
BIOLOGICAL DIVERSITY
Our solutions are in nature

Sempena Hari Biodiversiti Antarabangsa
WEBINAR BIODIVERSITI KEBANGSAAN
21 MEI 2020

Sesi II (2.30pm-4.30pm)

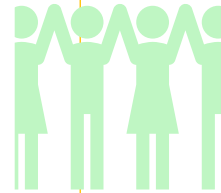
Kepelbagaian Biologi – Sumbangan Kepada Masyarakat
Pengetahuan Tradisional – Potensi dan Faedah



**World Health
Organization**



**Food and Agriculture
Organization of the
United Nations**



Penggunaan tumbuhan ubatan -
80% populasi negara membangun



Jualan herba ubatan - US\$83
billion



Ubatan Farmaseutikal - 30%
mengandungi sebatian tumbuhan





Cinchona- Quinine- Anti-malaria



Madagascar Periwinkle- Vincristin- Ubat cancer



Pacific Yew –Paclitaxel- Ubat cancer

Sumber Biologi Dalam Ubatan Moden

Sources:

https://upload.wikimedia.org/wikipedia/commons/5/55/Cinchona_plant_%28Cinchona_officinalis%29%3B_flowering_stem_and_fl_Wellcome_V0043951.jpg;

https://commons.wikimedia.org/wiki/File:Madagascar_Periwinkle_1.jpg;

<https://www.flickr.com/photos/7147684@N03/543564833/>;

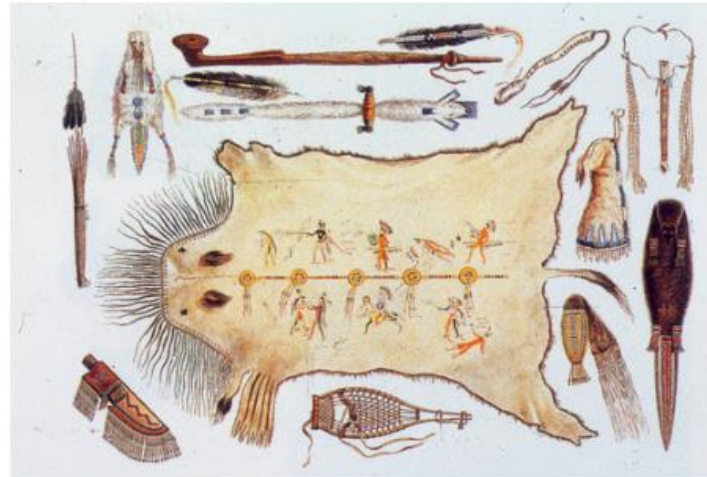
Apakah masalah yang dihadapi?

- Pengetahuan hilang – warisan secara lisan
- Generasi tua kurang “Library Burnt Down”
- Generasi muda – kurang pergantungan – gaya hidup moden
- Kesediaan ubatan moden – senang dan cepat didapati

LINGUA OBSCURA

What We Lose When We Lose Indigenous Knowledge

By mistaking a culture's history for fantasy, or by disrespecting the wealth of indigenous knowledge, we're keeping up a Columbian, colonial tradition.



A collection of Native American utensils and weapons. Getty

By: Chi Lou | October 16, 2019 | 8 minutes

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This week, more and more regions in the U.S. celebrate Indigenous People's Day, but many more know the federal holiday as Columbus Day. More than 500 years ago, a guy known as Christopher Columbus got famous for something he never did, having never even set foot on the North American continent, much less having “discovered” it. But Columbus should

The Importance of Indigenous Knowledge in Curbing the Loss of Language and Biodiversity

Benjamin T. Wilder, Carolyn O'Meara, Laurie Monti, Gary Paul Nabhan

BioScience, Volume 66, Issue 6, 1 June 2016, Pages 499–509, <https://doi.org/10.1093/biosci/biw026>

Published: 30 March 2016

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Biodiversity inventory, monitoring, and species-recovery efforts can be advanced by a dynamic collaboration of Western, citizen, and ethnoscience. Indigenous and local traditional knowledge of place-based biodiversity is perhaps the oldest scientific tradition on earth. We illustrate how an all taxa biodiversity inventory network of projects in collaboration with the Comcaac (Seri people) in northwestern Mexico is advancing not only biosystematics but also species recovery, habitat restoration, language conservation and maintenance, and the maintenance of traditional livelihoods. We encourage scientists to establish collaborations with indigenous and other place-based



Dokumentasi Pengetahuan Tradisional Sarawak Biodiversity Centre

... Membimbing kaum Sarawak mendokumentasi pengetahuan tradisional melalui bengkel latihan secara sistematis

...sejak 2001

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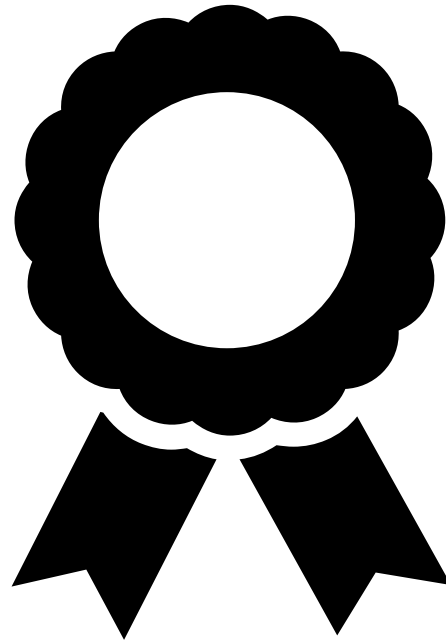
HOME ABOUT LITSEA COMMUNITIES PRODUCTS R&D ACCOUNT

NATURE'S GIFT TO MANKIND

Derived from the majestic rainforest of Borneo

[VIEW MORE](#)

Sourced from the lush and majestic rainforest of Borneo, the Litsea plant is traditionally used by the indigenous communities in food and as medicine. Typically found growing wild along Sarawak's highland slopes, it is known to the Bidayuh as *pahkak*, and called *tenem* by the Kelabit and Lun Bawang people.



Permerkasaan (Empowerment), Pengiktirafan (Recognition) &
Mempertingkatkan Pendapatan (Increase Livelihood)



PEMERKASAAN KOMUNITI

- Penuaian Secara Mampan – *Good Wild Craft Practice (GWCP)*
- Propagasi tumbuhan
- Perlaksanaan kebun komuniti
- Penyulingan Minyak Pati
- Meningkatkan kemahiran– Wanita, Belia dan Warga Tua





Lun Bawang, Long Telingan



Lun Bawang, Long Kerebangan



Kelabit, PaUkat



Kelabit, PaLungan



Bidayuh, Kpg Kiding

Pengiktirafan & Hak Milik Komuniti
(Community Ownership & Recognition)

Indigenous communities in Sarawak to benefit from commercialisation of essential oil

NATION

Wednesday, 20 Mar 2019 4:53 PM MYT

By Sharon Ling



The community leaders receiving the access and benefit sharing agreements from Sarawak Biodiversity Council chairman Tan Sri Wilson Baya Dandot (fourth right). Joining them are SBC CEO Dr Yeo Tiong Chia (third left) and Peter Sawal (fourth left) representing the Urban Development and Natural Resources Ministry.

1st Benefit Sharing Agreement Signing
20 March 2019

Faedah Kewangan

- Hasil jualan minyak pati
- % Royalti dari hasil jualan produk



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Traditional
Knowledge
is

*“Our Solutions
Are In Nature”*

Terima Kasih...Thank you



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