



*Gum Arabic of Acacia senegal (mother tree): Gum Arabic is one of the economically valuable Non-Timber Forest Products in North Kordofan, Sudan.*

*Photo by Muneer E. S. Eltahir*

JSI

# Journal of Sylva Indonesiana

Vol. 08, No. 02, August 2025

p-ISSN 2622-5093  
e-ISSN 2622-5158

Transformation  
Towards the Ultimate



Faculty of Forestry



talenta

# Journal of Sylva Indonesiana

Vol.8, No. 02, August 2025

	Contents	Page
1	<i>Exploring the Potentiality of Producing Sustainable Gum Arabic: Case of Sheikan Locality, North Kordofan State, Sudan</i> <b>Zeinab Mohamed Hammad, Hassan Elnour Adam, Ibrahim Elnour Ibrahim, Salih Omer Tutu, Hatim Mohamed Ahmed Elamin, Faisal Ismail Musa</b>	71-81
2	<i>Diameter-Height relationship model for Shorea assamica in secondary tropical rainforest, South Borneo</i> <b>Pandu Wirabuana, Yusanto Nugroho, Budi Mulyana</b>	82-91
3	<i>Estimation of Potential Carbon Economic Value of Bamboo In Community Forest Area in Rumpin-Dalam Hamlet, Rumpin Village, Bogor District</i> <b>Inggit Putri Wijayani, Dwi Agus Sasongko, Abdul Rahman Rusli</b>	92-99
4	<i>Biomechanical Properties of Pinang Jawa (Pinanga javana): Structural Performance and Ecological Significance</i> <b>rizmoon zulkarnaen, Adik Bahanawa, Hendra Helmant, Deanova Frestiana Br. Pelawi, Nabela Fikriyy</b>	100-108
5	<i>Optimizing Growth of Parkia speciosa Hassk Seedlings: The Synergistic Impact of Chicken Manure Briquette Dosage and Watering Intervals for Supporting Agroforestry Practices</i> <b>Kansih Sri Hartini, Afifuddin Dalimunthe, Syarifah Aini, Aqilah Insani</b>	109-119
6	<i>Structure, Composition, and Diversity of Dry Tropical Forest Types in the Sisimeni Sanam Forest Area, Kupang Regency, East Nusa Tenggara Province</i> <b>Fransiskus Xaverius Dako Dako, Flora Evalina Ina Kleruk, Kristianto Wibison So, Blasius Paga, Yudhistira A.N.R Ora</b>	120-132
7	<i>Ethnobotanical Study on the Use of Mangroves as a Food Source in Pesawaran Regency, Lampung Province</i> <b>Melviani, Duryat, Melya Riniarti</b>	133-140
8	<i>Morphogenesis, Estimated Allele Frequency, and Heterozygosity in The Putative Mutation Population of Solomon Teak (M1V1)</i> <b>Ahmad Parlaongan, Supriyanto, Arum Sekar Wulandari, Arini</b>	141-152
9	<i>Efficiency of Timber Skidding Operation in Pasoh Forest Jelebu, Peninsular Malaysia</i> <b>Seca Gandaseca, Jusma Wati Lantobong, Mohd Hasmadi Ismail, Rahmawaty</b>	153-160
10	<i>The Utilization Rubber Wood Finger Joint Laminated for Furniture Application</i> <b>Nurhanifah, Arip Wijayanto, Siska Anggiriani, Soleh Muhamad, Desy Mulyosari</b>	161-168



9 772622 515156

# Journal of Sylva Indonesiana

Vol.8, No. 02, August 2025

	Contents	Page
11	<i>Grouping of Performance Effectiveness Assessment of Forest Management Units in North Sumatra Province</i> <b>Tumpak Siregar, OK Hasnanda Syahputra, Siti Latifah</b>	169-175



9 772622 515156