Add File 2. Full search strategy (PRISMA 2020, Item 7): complete search strings with field tags, applied filters, records retrieved, and execution date for each bibliographic database and supplementary source.

Full search strategy (PRISMA 2020, Item 7)

This file reports the full search string, field tags, filters, and execution or access date for every source so that the search can be reproduced in fulfilment of PRISMA 2020, Item 7.

Note on dates. The database-search dates in Table 1 fall within the January-February 2026 search window and are shown individually as required by Item 7; access dates in Table 2 correspond to those given in the manuscript reference list.

Table 1. Search strings, field tags, filters, and execution dates for bibliographic databases and search platforms.

Database / interface	Date searched	Field tags, filters and limits	Full search string (as entered)	Records (n)
Web of Science Core Collection (Clarivate)	20 January 2026 -	Field tag: TS= (Topic = title, abstract, author keywords, Keywords Plus). - Timespan: all years; no publication-date limit. - Language refined to English; document types not restricted.	TS=("Aquilaria" OR "agarwood" OR "gaharu" OR "oud" OR "lapnisan" OR "palisan") AND TS=("Philippines" OR "Philippine" OR "Filipino" OR "Luzon" OR "Mindanao" OR "Visayas" OR "Thymelaeaceae")	**35**
Scopus (Elsevier)	21 January 2026	- Field code: TITLE-ABS-KEY( ) (title, abstract, keywords). - English language limit applied within the query. - No publication-date limit; document types not restricted.	TITLE-ABS-KEY("Aquilaria" OR "agarwood" OR "gaharu" OR "oud" OR "lapnisan" OR "palisan") AND TITLE-ABS-KEY("Philippines" OR "Philippine" OR "Filipino" OR "Luzon" OR "Mindanao" OR "Visayas" OR "Thymelaeaceae") AND (LIMIT-TO (LANGUAGE,"English"))	**42**
PubMed / MEDLINE (NLM)	23 January 2026	- Field tag: [tiab] (Title/Abstract). - Language filter: English[lang]; no date filter. - Aquilaria has no dedicated MeSH descriptor, so text-word [tiab] terms were used for cross-database consistency.	("Aquilaria' "[tiab] OR "agarwood"[tiab] OR "gaharu"[tiab] OR "oud"[tiab] OR "lapnisan"[tiab] OR "palisan"[tiab]) AND ("Philippines"[tiab] OR "Philippine"[tiab] OR "Filipino"[tiab] OR "Luzon"[tiab] OR "Mindanao"[tiab] OR "Visayas"[tiab] OR "Thymelaeaceae"[tiab])	**12**

Continued...

Table 1. Search strings, field tags, filters, and execution dates for bibliographic databases and search platforms.

Database / interface	Date searched	Field tags, filters and limits	Full search string (as entered)	Records (n)
Google Scholar (scholar.google.com)	27 January 2026	- Basic search box; no field tags and no systematic export supported, so a simplified Boolean query (<256 characters) was used. - Sorted by relevance; patents and citations excluded; no date or language limit available. First 100 records screened by title; relevant records exported for de-duplication.	("Aquilaria" OR agarwood) AND ("Philippine" OR "Philippines")	**48**
HERDIN Plus (Health Research and Development Information Network, Philippines; herdin.ph)	03 February 2026	- Single "All fields" keyword box; nested Boolean not reliably supported. - Terms run separately and merged: Aquilaria; agarwood; lapnisan; palisan. - No date or language limit.	Aquilaria; agarwood; lapnisan; palisan (each run separately in the All-fields box; results combined and de-duplicated)	**5**
Biodiversity Heritage Library (BHL; biodiversitylibrary.org)	05 February 2026	- Scientific-name search and full-text search. - No date limit.	Name search: "Aquilaria" | Full-text search: Aquilaria Philippines	**8**
			Subtotal - bibliographic databases and search platforms	**150**

Legend: Google Scholar does not support field tags, systematic export, or nested Boolean queries and returns relevance-ranked results, the ordering of which can vary over time. The exact query, settings, and first-100-records screening rule are given above so that its contribution is transparent.

Table 2. Other sources and reference authorities: access points, approaches, and access dates.

Source	URL / access point	Search or browse approach	Date accessed
Other sources contributing the 15 non-database ("Other sources") records in the PRISMA flow diagram			
Citation tracking (backward reference-list searching)	- (manual)	Reference lists of all included studies and of three primary reviews (Hashim et al. 2016; Gao et al. 2019; Thompson et al. 2022) screened for additional eligible records.	January-February 2026
Grey literature - ITTO Technical Series (Thompson et al. 2022)	itto.int	Targeted retrieval of the ITTO agarwood trade-and-conservation technical report; screened for Philippine records.	February 2026
DENR policy documents (DAO 2026-20 and related administrative orders)	apidb.denr.gov.ph; officialgazette.gov.ph	National threatened-plant list and Aquilaria trade/utilization orders retrieved by title and order number.	01 August 2026
Taxonomic, conservation, and trade authorities consulted for verification (not counted among the 15 records)			
Plants of the World Online (POWO 2026; Royal Botanic Gardens, Kew)	powo.science.kew.org	Taxon search: Aquilaria. Globally accepted species, native distribution, and synonymy (incl. A. decemcostata / A. cumingiana).	13 February 2026
Co's Digital Flora of the Philippines (CDFP; Pelser et al. 2011 onwards)	philippineplants.org	Genus search: Aquilaria. Philippine species treatment, distribution, and national status notes.	24 February 2026
IUCN Red List of Threatened Species (v2024-2)	iucnredlist.org	Per-species conservation category.	27 January 2026
CITES Species+ database (UNEP-WCMC 2024)	speciesplus.net	Taxon query: Aquilaria. Appendix listing, listing history, and country records.	22 January 2026

Legend: The three "Other sources" (citation tracking, grey literature, and DENR policy documents) together contributed to the 15 non-database records shown in the PRISMA flow diagram (Figure 1). The taxonomic, conservation, and trade databases (POWO, CDFP, IUCN, and CITES Species+) were consulted only to verify nomenclature and status and were not counted among the 15. Reconciliation: 150 database records + 15 other-source records = 165 identified; after the removal of 78 duplicates, 87 records were screened, 40 reports were assessed in full text, and 26 primary studies met the final inclusion criteria.