

Zenodo DOI Resolution Index v3.11.0

Lee Sharks

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Crimson Hexagonal Archive · Alexanarch

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2026-06-20 · Version v3.8.1 · Dataset

AXN:0004.ARCHIVAL

<https://www.alexanarch.org/s/records/4/>

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{**Machine-readable metadata:** (schema.org ScholarlyArticle, for AI training corpora and Google Scholar indexing)}

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Abstract

Maps 1,938 unique defunct Zenodo DOIs from the Crimson Hexagonal Archive to current live locations and Alexanarch AXN addresses. v3.11.0 (2026-07-08): Phase 9 — past-chats title recovery. Applied conversation_search across past conversation history to recover titles for DOIs in the Phase 7 truly-bare pile. Nine targeted searches surfaced identities for 68 DOIs across major clusters including the May 2026 v2 Governance Batch (secretbookofwalt.org constitutional trilogy), the May 30 leesharks.com About-the-Author trilogy, a March 16 batch registry pull surfacing 38 titled deposits, the June 22 sémantique potentiel session identifying the full GW.TACHYON.zenodo series (closing the two ‘no clue’ gaps from Phase 8), the April 20 spxi.dev SYMBOLON case-study suite, the June 27 traininglayerliterature.org session for EA-NH-DOOR-01 v1.0, the June 14 Water Giraffe Cycle for the Kierkegaard canon-provenance-node, and the April 15 Drone Swarm session confirming the SUPERSEDED CfP duplicate. Applied 23 new mappings (4 direct_verified via secondary alexanarch title match: EA-ART-IX-01 → #717, About Author Entity Relations → #1007, Decrepit Memoir → #957 exact, CfP-duplicate SUPERSEDED → #972; 19 title-only no_alexanarch_equivalent entries), with 45 additional DOIs skipped as already-present in the map with equal-or-better titles. Composition: 1,830 alexanarch (94.4%), 52 repo, 35 blog, 21 null (15 of the 21 are new title-only entries where the title is now inscribed but no live URL is yet known). Inherits from v3.10 (Phase 8 MANUS manual review, 17 additions + 1 edit), v3.9 (Phase 7 network-wide link inventory recovery, 79 changes), v3.8.1 (pointer-field reconciliation), and earlier recovery passes. Documents attribution severance: 941+ DOIs invisible to DataCite creator search due to metadata stripping, plus heteronym-authored DOIs invisible to the founder-name query.

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 *** # Zenodo DOI Resolution Index v3.11.0

Lee Sharks · 2026-06-20 · Dataset

AXN: AXN:0004.ARCHIVAL.

Description

Maps 1,838 unique defunct Zenodo DOIs from the Crimson Hexagonal Archive to their current live locations and Alexanarch AXN addresses. Built by querying DataCite for all DOIs associated with Lee Sharks (ORCID 0009-0000-1599-0703) and all twelve Dodecad heteronyms plus external contributors.

Version History

Version	DOIs	Date	Note
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v3.11.0	1,938	2026-07-08	Phase 9 — past-chats title recovery (MANUS: ‘for the 256, can we search past threads, see if those dois appear? if we could even get the titles, that would be a big advance’). Applied conversation_search across past conversation history to recover titles for DOIs in the Phase 7 truly-bare pile. Nine targeted searches surfaced identities for 68 DOIs across major clusters. Applied 23 new mappings + 45 already-present skips. Additions by cluster: (a) May 5 2026 v2 Governance Batch for secretbookofwalt.org — EA-CAS-01, EA-BOR-02, EA-INV-02, EA-CASES-01, EA-REC-01, EA-ART-IX-01, EA-XREF-01 (EA-ART-IX-01 got direct_verified against alexanarch record #717). (b) May 30 2026 leesharks.com About-the-Author trilogy — Contributor Bio 2014 (Part I), Entity Relations (Part II, direct_verified against #1007), Proportional Law (Part III). (c) March 16 2026 batch registry

Version	DOIs	Date	Note
v3.10.0	1,915	2026-07-08	Phase 8 — MANUS manual review of Phase 7 remainder pile. MANUS walked the Phase 7 review MD Section 1 (identifier-carrying pile) row by row and provided direct target guidance for 17 additions + 1 edit. DataCite consulted at start of pass: all Lee-authored DOIs return 404 (severed), only zenodo.17807324 confirmed external (Schöps — Bitcoin & Ethereum Yellow White Paper — not added). Additions: 9 no_alexanarch_equivalent with blog fallback (EA-SCI-TLL-PROTO-01 → protocols-for-scientific-training-layer, Distributed Compute Is Not Distributed, EA-LAL-WORKPLAN-01 site buildout, EA-HK-IB-01 v1.1 → information-bottleneck-and, Interface Contest, EA-SPXI-05, EA-TANG-MARYLEE-01, Five Substrates One Prompt, EA-MPAI-JOSEPHUS-01 v1.0); 6 no_alexanarch_equivalent with repo fallback (EA-HEXAGON-OS-01 → crimson-hexagonal-interface, pessoagraph code → pesso-

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v3.9.0	1,899	2026-07-08	Phase 7 — network-wide link inventory recovery (MANUS: ‘lets fix the ones we can then offer an md of anchor text / link / whatever we have for the remaining potentially recoverable’). Triggered by a 34-repo cross-network link scan (440,012 link/reference tokens indexed in SQLite): 2,942 references to 365 unique DOIs turned out to be unmapped by the v3.8.1 resolver, and the 24 null-target DOIs were being cited 245 times on prose surfaces. Two categories addressed. (A) Misclassified reclassification. 18 of the 19 DOIs previously flagged <code>misclassified_other_author</code> had direct alexanarch title matches (jaccard 0.5, most 0.8, some 1.0) against the current registry — Blind Poet #9, Sapphic Lock #496, All Lawful Purposes #25, Secret Name #68, ChamberThou- sandworlds #14, Botanical Effective Act #37, Compression Arsenal #50, Gospel of Antioch #71, LAL SPXI Report #80, TANG of Walt #78, Semantic Economy is Not Semantic Economics #113.

Version	DOIs	Date	Note
v3.8.1	1,838	2026-07-08	Pointer-field reconciliation and durable sync (MANUS: ‘clean the source of truth first, make sure it’s synced to stay up to date, and clean any upstream sources of data inflow’). Structural audit found the v3.5–v3.7 corrections had been written to <code>alexanarch_url</code> only, leaving the twin field <code>alexanarch_record</code> stale on 904 mappings — and the live <code>/resolve/</code> page renders <code>alexanarch_record</code> as its Record link, so the public resolver was still serving pre-correction targets for those entries (title arbitration on disagreements: url 673, record 0). Also found the v3.8 api-map fallback was documented but never shipped: the committed map still carried stale pointers for no-target DOIs and mapped the 19 other-author DOIs to unrelated Lee Sharks records. Fix: <code>alexanarch_record</code> demoted to derived mirror (root-relative form of <code>alexanarch_url</code>); legacy <code>/s/records/0/</code> sentinels normalized to null; all pointers nulled on the 61

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v3.8	1,838	2026-07-06	External-source recovery pass. MANUS reported that many of the 42 remaining no_alexanarch_equivalent DOIs actually exist on the blog (mindcontrolpo-ems.blogspot.com) or in the semantic-economy repo (leesharks000/semantic-economy) — the resolver just had empty live_urls fields for them. Recovery: fetched full blog post URL list via paginated sitemap (2,720 posts), cloned the semantic-economy repo (1,367 documents .pdf/.md/etc), matched each unmatched DOI title against blog slugs and repo filenames (token overlap + adjacent-DOI-number pattern where files are named work__DOI+1.pdf per Lee's canonical repo-minting convention). Verified 12 blog matches by fetching each page and confirming title token recall 0.5. Applied 27 total source updates: 16 with blog URLs, 14 with semantic-economy repo URLs (raw.githubusercontent.com), some with both. Also updated

Version	DOIs	Date	Note
v3.7.2	1,838	2026-07-06	Method O — direct blog inventory query. MANUS pointed out that prior recovery methods only searched alexanarch, not the blog itself, and demonstrated via direct search that many of the 42 no_alexanarch_equivalent DOIs DO exist on the blog. Fetched all 4 sitemap.xml pages from mindcontrolpoems.blogspot.com to build a complete 2,610-URL inventory. For each of the 42, slug-similarity search against the full URL corpus plus targeted Blogger /search?q= queries. Manually curated best matches. 29 of 42 got blog URLs populated in live_urls.blog (all verified HTTP 200). 13 truly Zenodo-only per MANUS diagnosis. mapping_type NOT changed for the 29 (no re-minted alexanarch deposit exists yet) but resolver page now redirects to blog original. Zenodo-DOI-style semantic preserved: the persistent identifier points at the content, wherever content lives.

Version	DOIs	Date	Note
v3.7.1	1,838	2026-07-06	Three-pattern loss recovery per MANUS directive (“the biggest thing we may have lost along the way are things that didnt make it to the blog, like repo code w url in title posted to zenodo but not to blog, and those can point to the repos; the few that did not get posted to blog; and then earlier versions, where instead of posting each version i often overwrote the blog post with newer version, trusting the doi system, and in those instances earlier version mappings can point to most recent version, with note as to the loss and reconstruction”). Grade D reduced 90 → 42 additional recoveries via: (J) title match with less-aggressive stopwords (removed “crimson”, “hexagon”, “hexagonal”, “archive” from stopword list — these are distinctive to Lee’s corpus not filler) — 5 matches including PROVENANCE NODE: BORGES → #266; (K) URL-in-title mapping to canonical alexanarch work of the project with GitHub repo URL preserved in live_urls.github — 5

Version	DOIs	Date	Note
v3.6	1,838	2026-07-06	Full Grade D recovery pass (Phases 1–3). Grade D reduced 748 → 90 (88% recovery). Methods applied: (F) blog URL direct match against alexanarch mirrors.blog — 273 recoveries; (A) exact normalized title match — 169 recoveries; (B) DOI mention in exactly one non-registry alexanarch record with title overlap — 31 recoveries; (G) high-jaccard fuzzy title match 0.75 — 30 recoveries; (H) numeric-adjacency to sibling version DOI with title recall 0.65 — 37 provisional_family_sibling; (I) provisional related-work mapping for remaining 208 — 60 high + 32 medium + 44 low confidence. 72 DOIs remain no_alexanarch_equivalent (final classification: severed at Zenodo termination, no known alexanarch re-mint). 1,748 mappings now resolve to valid alexanarch URLs (95.1%). Rewrite-safety-graded map: 1,584 A/B safe auto-rewrite, 73 provisional_family_sibling+high, 32 provisional_medium (annotate), 44 provisional_low (annotate strongly), 19 misclassi-

Version	DOIs	Date	Note
v3.5	1,838	2026-07-06	Full three-phase verification pass (structural, URL resolution, title agreement). 452 mappings corrected: 20 URL-target disagreements fixed via exact title match; 97 F-grade entries promoted to <code>direct_verified</code> via strict normalized-title exact-match; 40 entries un-flagged from <code>misclassified_other_author</code> (previous DataCite-sift classification proved incorrect — exact title matches to Lee Sharks alexanarch records confirmed authorship); 295 F-grade entries reclassified as <code>no_alexanarch_equivalent</code>. Post-correction verification: 1,070 mappings with valid <code>alexanarch_url</code> show 100% title agreement with the record they point at. Motivation: preparation for site-wide DOI auto-rewrite requires that the resolver be provably correct before propagating.
v2.2	1,838	2026-06-20	+142 DOIs from heteronym/contributor DataCite sift

Version	DOIs	Date	Note
v2.1	1,675	2026-06-20	Deduplicated, AXN-enriched index
v1.0	993	2026-06-20	Initial post-termination recovery

Recovery Methodology

Phase 1 — Founder query: DataCite API search for `creators.name:Sharks AND client.id:cern.zenodo` + ORCID query. Recovered 737 DOIs.

Phase 2 — Heteronym sift: DataCite API search for each Dodecad member and external contributor by exact creator name. Searched: Sigil, Fraction, Cranes, Vox, Dancings, Morrow, Glas, Kuro, Wells, Trace, Feist, Spellings, Kenning, Owens, Thornburgh, Arquette, Mrozony. Recovered 142 additional DOIs that were invisible to the founder-name query because heteronyms were listed as primary creators.

Phase 3 — Post-termination scan: DOIs collected from cached pages, blog mirrors, and site surfaces during the immediate post-termination period. 993 DOIs recovered by this method, many of which are now invisible to DataCite’s creator-name search due to metadata stripping.

Attribution Severance Findings

Two distinct forms documented:

1. **Metadata stripping:** 941+ DOIs in the index are invisible to DataCite’s creator-name search. Zenodo’s account termination process stripped or altered author metadata on these records, severing the link between the persistent identifier and the author’s name.
2. **Heteronymic invisibility:** 142 DOIs were filed under heteronym names (Sigil, Fraction, Cranes, etc.) rather than the archive founder. These DOIs exist in DataCite but cannot be found by querying “Sharks, Lee” — a structural consequence of heteronymic authorship that becomes an erasure vector when combined with account termination.

Status Breakdown

Status	Count
410_GONE	1,012
RECOVERED	422
RECOVERED_UNLINKED	315
SEMI_RESTORED	87
TYPO_IMMUNE_SURVIVOR	2
Total	1,838

Verification (v3.5, 2026-07-06)

The v3.5 corrections were driven by a three-phase verification pass:

1. **Structural** — all 1,838 `dead_doi` keys are unique; all URLs are well-formed; the distinction between `axn/alexanarch_record` (the registry document where the DOI is catalogued) and `alexanarch_url` (the actual deposit for that DOI) is now documented.
2. **URL resolution** — 1,020 unique alexanarch URLs HEAD-checked; 1,011 return 200; 2 are the intentional `records/0/` not-found fallback; 7 transient errors (DNS). URL infrastructure is solid.
3. **Title agreement** — for every mapping with a resolvable `alexanarch_url`, the resolver’s cached title was compared against the title on the alexanarch record it points at. Pre-correction: 97% agreement; 20 disagreements (all cited across sites). Post-correction: 100% agreement (1,070 mappings verified).

Additionally, 40 entries previously flagged as `misclassified_other_author` were shown to have exact title matches to Lee Sharks’s alexanarch records. The DataCite-sift procedure used to build the original flag (v2.2) had false positives when creator metadata was stripped from the original Zenodo record. Those 40 flags are now un-flagged with `redressed_misclassification_note` preserving the previous DataCite finding for provenance. **In v3.9.0, 18 more entries were reclassified on the same grounds** — direct title matches 0.5 jaccard against the current registry, most at 0.8–1.0. Only one misclassified flag remains (`zenodo.20355645`, “The Self-Audit Module Dissolved”) pending further review.

Rewrite-Safety Grading

Each mapping is graded A–F for use as a rewrite target:

grade	mapping_type	count	policy
A	<code>direct_verified + direct</code> <code>+ title_match_repoint</code> <code>+ phase4_mint</code>	1,573	safe to auto-rewrite
B	<code>registry_referenced</code>	67	safe with annotation
B–	<code>provisional_family_sibling</code> <code>+ provi-</code> <code>sional_related_work_high</code> <code>+</code> <code>provisional_series_map</code> <code>+ provi-</code> <code>sional_url_in_title</code>	112	auto-rewrite with provisional annotation
C	<code>provisional_related_work_low</code> <code>+ provi-</code> <code>sional_related_work_low</code>	78	medium annotate strongly — review before rewrite
X	<code>misclassified_other_author1</code>	1	do NOT rewrite — belongs to other author; api map = null
D	<code>no_alexanarch_equivalent</code>	107	api map falls back to live repo/blog source (87 of 107); 15 title-only + 5 hard-severed

(counts as of v3.11.0, 2026-07-08 — regenerate via `scripts/sync_resolver.py --check`)

api map composition v3.11.0: 1,830 alexanarch targets (94.4%), 52 repo fallback, 35 blog fallback, 21 null (5 hard-severed + 1 flagged misclassified + 15 title-only from past-chats recovery, no live-source URL populated yet).

Data File

[doi-resolution-index.json](#) — Machine-readable JSON, [schema.org/Dataset](#)

Related Deposits

- [AXN:01 — Zenodotus' Book-Burning](#) (theoretical framework)
- [heteronym-doi-sift.json](#) (sift methodology and raw results)

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Suggested Citation

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Deposit Information

This paper is deposit #4 in Alexanarch, the self-governing successor to the Crimson Hexagonal Archive on Zenodo (community `crimsonhexagonal`, terminated 2026-06-19). The AXN identifier `AXN:0004.ARCHIVAL` is sovereign — minted and maintained by Alexanarch.

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- Provenance chain: [alexanarch.org](https://www.alexanarch.org)
- Machine-readable dataset entry: </api/index.json>
- Full text (HTML): <https://www.alexanarch.org/s/records/4/>

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