

Metes and Bounds: Agricultural E-Journal Archiving Landscape

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Why Worry?

- “Grand challenge facing higher education”
- Shift to e-only in publishing, purchasing, and use
- Inadequate protection of digital content
- Uncertainty

Scope of Landscape Study

- Define information needs of library directors
- Solicit information from most promising programs
- Assess data
- Report and recommendations

www.clir.org/pubs/abstract/pub138abst.html

Library Director Concerns

- Library motivation (why invest in this?)
- Content coverage (is content I'm interested in included?)
- Access (what will I gain access to? when? under what conditions?)
- Program viability (will these efforts last?)
- Library responsibilities (what will this cost in terms of time, expertise, funding?)
- Technical approach (will this really preserve the material?)

3 Themes Emerged

- Sense of urgency
- Resource commitment and competing priorities
- Need for collective response

Identifying Programs

- Not-for-profit program independent of publisher
- Explicit commitment to archiving scholarly peer-reviewed e-journals
- Formal arrangements with publishers
- Program in place
- Beneficial to academic libraries

The Group of 12

- CISTI (Canada)
- CLOCKSS
- OCLC ECO
- OhioLINK EJC
- KB e-Depot (Holland)
- kopal/DDB(Germany)
- LANL-RL
- LOCKSS Alliance
- Ontario Scholars Portal (Canada)
- PANDORA (Australia)
- Portico
- PubMed Central

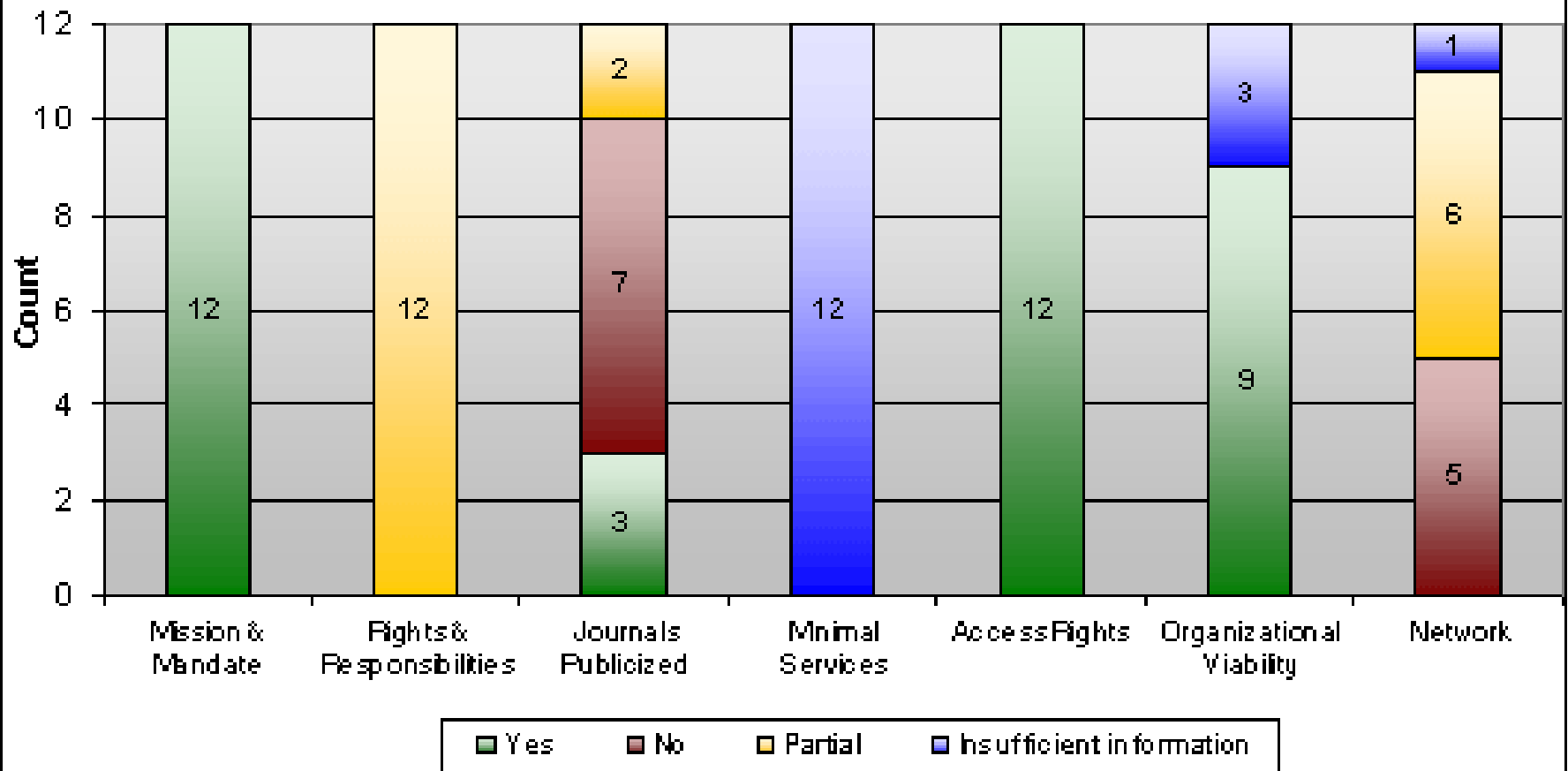
Organizational Types

- Government supported
- Consortia aggregating content for current access
- Member/subscriber initiatives

Seven Program Indicators

- Explicit mission and necessary mandate
- Necessary rights and responsibilities
- Content coverage
- Minimal set of services
- Access and triggers
- Organizational viability
- Network

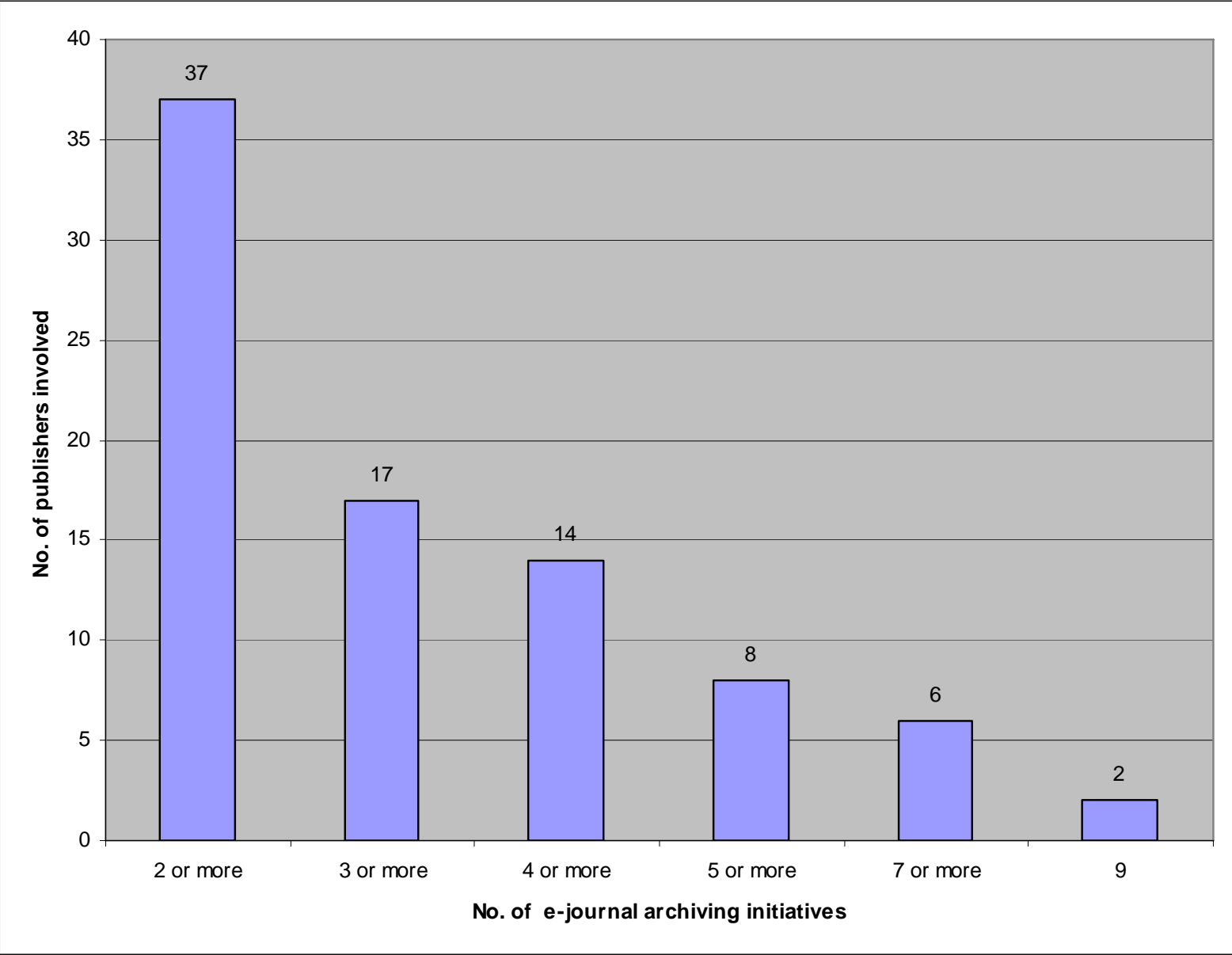
Is Evidence of the Following Indicators in Place?



Content

- 128 publishers involved
- Over 34,000 titles included -- with significant duplication across services
- Difficult to create definitive list
- Major publishers well represented
- Redundancy vs greater content coverage

Publisher Overlap



Minimal Services

- Receive files in standard form
- Store in non-proprietary formats
- Integrity testing
- Files processing
- Security
- Transparent auditing

Current Access Conditions

- Online-limited (5)
- Online-open & moving wall (2)
- On-site (2)
- Trigger/audit only (3)

Organizational Viability

- Very recent efforts; limited track record
- Limited auditing/reporting
- Sources of funding
- Stakeholder buy-in

Network of Repositories

- Exchanging information, strategies, software, documentation
- Little selection coordination
- No formal succession plans

What are my options?

- Do nothing
 - Pros: requires no effort or expense; major publishers probably “safe”; smallest publishers at very high risk
 - Cons: Major delays in access in event of failure (end of the line); high premium for coverage if you can get it
- Build your own
 - Pros: full control, tailor to your needs
 - Cons: expense, technical/contractual overhead (smallest presses require most effort)

What are my options?

- Move to the Hague
- Get tough on licenses, require participation in independent archives
 - Pro: ties access to preservation and publisher market
 - Con: requires united library effort, assessment, compliance, enforcement, possible user backlash

What are my options?

- Join and help shape collaborative efforts
 - Move to Ohio, Ontario-review preservation programs
 - Participate in LOCKSS Alliance, CLOCKSS, and/or Portico
 - Lobby Congress to require deposit of e-journals and LC to assume preservation and broad access post trigger

What Can Land-grants Do?

- Review the scholarly literature in agriculture; develop registry of archived content and those at risk
- Press publishers to join e-journal archives
- Lobby archives to include agricultural content and meet minimal criteria
- Share information with each other on decision making; support archival programs that support your needs
- Develop preservation program for unpublished material