



OPEN ACCESS INITIATIVES FOR E-JOURNALS

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ABSTRACT :

Open access has become an increasingly important and potentially divisive issue in recent years, as journal inflation rates have increased. For many librarians and scholars, journal price inflation is itself the central problem and open Access Journals is the solution. There are some directory services, which bring all these scattered journals together and provide access. The present paper will be dealing in study of four major Directories which are efficiently providing services to the users i.e. Directory of Open Access Journals (DOAJ), African Journals Online (AJOL), Bioline International and Highwire (Stanford University). The main aim of this paper is to study subject wise, country wise and language wise availability of OA Journals in each directory. The paper also deals with availability of library and information science journals and country wise analysis of these directories.

INTRODUCTION :

“Open access” (OA) is free online access. OA literature is not only free of charge to everyone with an internet connection, but free of most copyright and licensing restrictions. OA literature is barrier-free literature produced by removing the price barriers and permission barriers that block access and limit usage of most conventionally published literature, whether in print or online.

Open access literatures are available in open access journals, institutional repositories, subject repositories, digital archives, and so on. Another service has gained momentum after establishment of different institutional repositories or open access archives is the metadata harvester. Metadata harvester indexes or harvests metadata from different open access archives and open access journals. The open access idea has now expanded to the area of learning resources - Open





Courseware (OCW). The study focuses on the current status of four major directories of open access journals available on Internet. Observation and assessment of the websites is also used as a method of data collection. The data for this paper was downloaded from the official websites of these open access vehicles during May–June 2013.

2. OBSERVATIONS

The present paper has been restricted to the study of four major open access initiatives for e-journals available on Internet as mentioned in Table No. 1.

Table No. 1: List of Directories of Open Access Initiatives for e-Journals

Sr.No.	Name of the Directories	URL
01	Directory of Open Access Journals (DOAJ)	www.doaj.org
02	African Journals Online (AJOL)	www.ajol.info
03	Bioline International	www.bioline.org.br
04	Highwire (Stanford University)	http://highwire.stanford.edu

3. AUTHORITY STATEMENT

Table no. 2 shows the authority statements of the 4 directories under study.

Table No. 2: Statement of contact information in Directories

Sr No	Name of the Directories	Authorities (hosted)	Contact
01	Directory of Open Access Journals (DOAJ)	<u>Infrastructure Services for Open Access</u> in cooperation with <u>SemperToo</u>	----
02	African Journals Online (AJOL)	International Network for the Availability of Scientific Publication (INASP).	Postal address: PO Box 420, Grahamstown, 6140, South Africa info@ajol.info Tel: +27 (0)46 622





			8058
03	Bioline International	University of Toronto Scarborough Department of Social Sciences and Reference Center on Environmental Information, CRIA, Brazil	Leslie Chan Director, Bioline International +1 416-287-7511 Bioline.International@utoronto.ca
04	Highwire (Stanford University)	Board of Trustees of the Leland Stanford Junior University <u>A</u> division of the Stanford University Libraries	1454 Page Mill Road, Palo Alto, CA 94304, USA.

Sr. No.	Name of the Directories	Home	E-Mail	Jobs	Browse Journals	Terms and conditions	Top Journals	Report	Resources	Mailing List	Last Updated	Contacts	Help	Alerts	Privacy Policy	Archives
01	Directory of Open Access Journals (DOAJ)	No	No	No	Yes	No	No	No	No	No	NO	Yes	No	No	No	Yes
02	African Journals Online (AJOL)	Yes	Yes	Yes	Yes	Yes	Yes	No	NO	No	Yes	Yes	No	No	No	Yes
03	Bioline International	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes
04	Highwire (Stanford University)	Yes	Yes	No	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	No

4. USER SUPPORT SYSTEMS

The user support is another criteria used to study the home pages of these directories. The facilities provided for users to browse the website conveniently are taken into account. The statement of the provision of user support facilities in Home pages of each directory has been shown in Table No. 3. The statistical analysis is shown in Table No. 4

Table No.3: User Support links on home pages of Directories





Sr.No.	Name of the Directories	Find Journals	New Titles	Find Articles	Suggest Journals	About	FAQ	News	For Publishers	Sponsors	Membership	Feedback	Support	Search	Latest issues online	Register
01	Directory of Open Access Journals (DOAJ)	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
02	African Journals Online (AJOL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes
03	Bioline International	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	No
04	Highwire (Stanford University)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	No	No	Yes	No	Yes

Table No.3.(Continued)

Table No. 4: Analysis of User Support links

Sr No	Criteria	No. of directories providing the facility	%
1	Find Journals	04	100
2	New Titles	02	50
3	Find Articles	03	75
4	Suggest Journal	02	50
5	About	04	100
6	FAQ	03	75
7	News	03	75
8	For Publishers	01	25
9	Sponsors	04	100
10	Membership	02	50
11	Feedback	03	75
12	Support	02	50
13	Search	04	100
14	Latest issue online	01	25
15	Register	02	50
16	Home	03	75





17	E-mail	03	75
18	Jobs	01	25
19	Browse Journals	03	75
20	Terms and Conditions	02	50
21	Top Journals	01	25
22	Reports	01	25
23	Resources	01	25
24	Mailing Lists	01	25
25	Last updated	02	50
26	Contacts	04	100
27	Help	01	25
28	Alert	01	25
29	Privacy Policy	01	25
30	Archives	03	75

It is observed that the user support facility like Find Journals, 'search', about, Contacts and 'sponsors are provided by all directories (100%). Out of four directories 75 % directories provided the facility like Find Articles, FAQ, News, Feedback, Home, E-mail, Browse Journals and Archives. For Publishers, Latest issue online, Jobs, Top Journals, Reports, Resources, Mailing Lists, Help, Alert, and Privacy Policy are unique features of some directories.

5. SEARCH OPTIONS

Search options help the effective retrieval of information. It is observed that the directories of OA journals under study provide various search options. The observations are tabulated in Table No. 5

Table No 5: Searching Options provided by Directories

Sr. No.	Name of the Directories	Simple Search	Advanced Search	Search by Author	Search by Title	Search by Subject	Search by Country	Search by Journals	Search by Articles
01	Directory of Open Access Journals	Yes	Yes	No	No	No	No	Yes	Yes





	(DOAJ)								
02	African Journals Online (AJOL)	Yes	Yes	Yes	Yes	No	No	No	Yes
03	Bioline International	Yes	No	No	No	No	Yes	No	No
04	Highwire (Stanford University)	Yes	Yes	Yes	Yes	Yes	No	No	No

Table No 6: Analysis of Search Options provided by Directories

Sr. No	Search Options	No. of directories providing the option	%
01	Simple Search	04	100
02	Advanced Search	03	75
03	Search by Author	02	50
04	Search by Title	02	50
05	Search by Subject	01	25
06	Search by Country	01	25
07	Search by Journals	01	25
08	Search by Articles	02	50

From Table 6 it can be observed that 4 directories (100%) provide simple search, 3 (75%) provide advanced search, 2 directories provide Search by Author ,search by Title and Search by Articles (50%) and Search by Country , search by subject and search by Journals options provided by only one directory.





6. BROWSING OPTIONS

Searching and browsing both search tools have its own advantages. If the user wants to see the list of items the browsing option helps him a lot. The directories of OA journals also provide such browsing support based on various criteria. Table No. 7 shows the browsing options provided by these directories and Table No. 8 shows analysis

Table No7: Browsing Options provided by Directories

Sr. No	Name of the Directories	Browse by Author	Browse by Title	Browse by Subject	Browse by Country	By Publication charges	By License	Browse Alphabetical	Browse OA only	Browse by Publisher	Browse by Topic
01	DOAJ	No	Yes	Yes	Yes	Yes	Yes	No	No	No	No
02	AJOL	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No
03	Bioline International	No	Yes	Yes	Yes	No	No	No	No	No	No
04	Highwire (Stanford University)	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes

Table No 8: Analysis of Browsing Options provided by Directories

Sr.No.	Search Options	No. of directories providing the option	%
1	Browse by Author	01	25
2	Browse by Title	04	100
3	Browse by Subject	04	100
4	Browse by Country	03	75
5	By Publication	01	25





	<u>charges</u>		
6	<u>By License</u>	01	25
7	<u>Browse Alphabetically</u>	01	25
8	Browse OA only	01	25
9	Browse by Publisher	01	25
10	Browse by Topic	01	25

It is observed that browsing by country is provided by DOAJ, African Journals Online (AJOL) and Highwire press. Browse by Author is provided by Highwire (Stanford University). Browsing by subject and browse by title is a common feature and provided by all 4 directories and by License, Browse Alphabetically, Browse OA only, Browse by Publisher and Browse by Topic browsing options provided only one directory.

7. CONTENT COVERAGE

Content coverage of all these 4 directories of OA journals were studied individually so that unique features of the contents can be highlighted prominently. Following tables show the content coverage of each directory in detail.

7.1 Content Coverage of DOAJ

DOAJ is the most popular and well known directory of OA journals.

Table No.9: Analysis of availability of OA journals under main subjects in DOAJ

Sr . N o.	Main Subject	Sub Subject	No. of OA Journ als	Total	%
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			belong ing to subjec t		
	Agriculture and Food Sciences	<u>Agriculture (General)</u> <u>Animal Sciences)</u> <u>Aquaculture and Fisheries</u> <u>Forestry</u> <u>Nutrition and Food Sciences</u> <u>Plant Sciences</u>	195 125 22 47 47 57	493	4.62
	<u>Arts and Architecture</u>	Architecture Arts in general <u>History of arts</u> Music <u>Performing Arts</u> Visual Arts	57 71 14 49 36 21	248	2.33
	Biology and Life Sciences	<u>Biology (journals)</u> Anatomy Botany Cytology <u>Genetics</u> <u>Microbiology</u> <u>Physiology</u> <u>Zoology</u> Biochemistry Biotechnology	309 12 93 16 65 66 39 112 55 65	832	7.80
	Business and Economics	<u>Business and Management</u> <u>Economics</u>	335 220	555	5.20
	Chemistry	<u>Analytical Chemistry</u> <u>Chemical Engineering</u> <u>Chemistry (General)</u> <u>Inorganic chemistry</u> <u>Organic Chemistry</u>	18 20 124 6 14	182	1.71
	Earth and Environmental Sciences	<u>Earth Sciences</u> <u>Ecology</u> <u>Environmental Sciences</u> <u>Geography</u> <u>Geology</u>	109 60 149 128 113	639	5.99





		<u>Geophysics and Geomagnetism</u>	15 31		
		<u>Meteorology and Climatology</u>	34		
		<u>Oceanography</u>			
	General Works	<u>Multidisciplinary</u>	314	314	2.94
1	Health Sciences	<u>Dentistry</u>	104	2472	23.1
		<u>Medicine (General)</u>	591		8
		<u>Allergy and Immunology</u>	41 19		
		<u>Anesthesiology</u>	90		
		<u>Cardiovascular</u>	29		
		<u>Dermatology</u>	50		
		<u>Gastroenterology</u>	48		
		<u>Gynecology and Obstetrics</u>	339 135		
		<u>Internal medicine</u>	97		
		<u>Neurology</u>	34		
		<u>Oncology</u>	29		
		<u>Ophthalmology</u>	41		
		<u>Otorhinolaryngology</u>	67		
		<u>Pathology</u>	118		
		<u>Pediatrics</u>	65		
		<u>Pharmacy and materia medica</u>	21 113		
		<u>Psychiatry</u>	119		
		<u>Sports Medicine</u>	36		
		<u>Surgery</u>	51		
		<u>Therapeutics</u>	235		
		<u>Urology</u>			
		<u>Nursing</u>			
		<u>Public Health</u>			
2	History and Archaeology	<u>Archaeology</u>	48	304	2.85
		<u>Diplomatics.</u>	02		
		<u>Archives. Seals (History</u>	254		
3	Languages and Literatures	<u>Languages and Literatures (Linguistics</u>	368 212	580	5.44
4	Law and Political Science	<u>Law</u>	182	386	3.62
		<u>Political Science</u>	204		
5	Mathematics	<u>Mathematics</u>	253	305	2.86





	and Statistics	<u>Statistics</u>	52		
6	<u>Naval Science</u>		1	1	0.01
7	Philosophy and Religion	<u>The Bible</u> <u>Philosophy</u> <u>Religion</u>	6 213 93	312	2.93
8	Physics and Astronomy	<u>Acoustics</u> <u>Electricity</u> <u>Heat</u> <u>Mechanics</u> <u>Nuclear Physics</u> <u>Optics and Lights</u>	6 11 6 3 5 21	52	0.49
	Science General				
9	Social Science	<u>Anthropology</u> <u>Education</u> <u>Ethnology</u> <u>Gender Studies</u> <u>Library and</u> <u>Information Science</u> <u>Bibliography</u> <u>Media and</u> <u>communication</u> <u>Psychology</u> <u>Social Sciences</u> <u>Migration</u> <u>Sociology</u> <u>Social and Public</u> <u>Welfare Sports</u> <u>Science</u>	102 624 31 36 144 2 121 199 364 11 164 49 75	1922	18.0 2
10	Technology and Engineering	<u>Chemical</u> <u>Technology</u> <u>Computer Science</u> <u>Construction</u> <u>Electrical and</u> <u>Nuclear Engineering</u> <u>Environmental</u> <u>Engineering</u> <u>Environmental</u> <u>Technology General</u> <u>and Civil</u> <u>Engineering</u> <u>Hydraulic</u> <u>Engineering</u>	41 395 20 74 14 13 188 4 26 12 48 51	1068	10.0 1





	<u>Industrial Engineering Manufactures Materials</u> (48 journals)	10 18 119 35		
	<u>Mechanical Engineering Military Science Mining and Metallurgy Technology (General) Transportation</u>			
	Total		10665	100

It is observed that the maximum OA journals in DOAJ belong to Health Sciences i.e. 23.18%. It is followed by Health Sciences 12 %. The minimum number of journals is noticed under Science General category. Total numbers of OA journals available in DOAJ are 10665.

7.2 Library Science Journals in DOAJ

Library Science is a sub subject covered under the main subject Social Sciences in DOAJ. Total 145 Library science journals were available in DOAJ. Table No. 10 Shows the details.

Table No. 10: Library Science Journals in DOAJ as on 05.07.2013

Sr. No.	Name of the Journals	Publisher	Country	Language	Start year
01	<u>ACIMED</u>	Centro Nacional de Información de Ciencias Médicas	Cuba	Spanish	1993
02	<u>Alexandria : Revista de Ciencias de la Información</u>	Pontificia Universidad Católica del Perú	Peru	Spanish, Portuguese	2006
03	<u>Anales de Documentación</u>	Universidad de Murcia, Facultad de Comunicación y Documentación	Spain	Spanish, English, French	1998





04	<u>Annals of Library & Information Studies</u>	INSDOC, NISCAIR	India	English	200 2
05	<u>Arabesques</u>	Agence bibliographique de l'enseignement supérieur (ABES)	France	French	200 0
06	<u>Ariadne</u>	UKOLN. University of Bath	United Kingdom	English	199 6
07	<u>Arquivística.net</u>	Arquivística.net	Brazil	Portuguese, English, Spanish	200 5
08	<u>AtoZ : Novas Práticas em Informação e Conhecimento</u>	Universidade Federal do Parana	Brazil	Portuguese	201 1
09	<u>B Sides</u>	University of Iowa	United States	English	201 0
10	<u>Biblionline</u>	Universidade Federal da Paraíba	Brazil	Portuguese	200 5
	<u>Bibliosphere</u>	NBU Library	Bulgaria	Bulgarian	200 1
11	<u>Bibliotime Rivista Elettronica per le Biblioteche</u>	Università di Bologna	Italy	Italian	199 8
12	<u>BIBLOS : Revista do Instituto de Ciências Humanas e da Informação</u>	Universidade Federal do Rio Grande	Brazil	Portuguese, Spanish	200 4
13	<u>BiD: Textos Universitaris de Biblioteconomia i Documentació</u>	Facultat de Biblioteconomia i Documentació of the Universitat de Barcelona	Spain	Catalan, Spanish, English, French	199 8
14	<u>Bilgi Dunyasi</u>	University and Research Librarians Associations (UNAK)	Turkey	Turkish, English	200 0
15	<u>Boletín de la Asociación Andaluza de Bibliotecarios</u>	Asociacion Andaluza de Bibliotecarios	Spain	Spanish	199 9
16	<u>The Bonefolder, an e-journal for the bookbinder and book artist</u>	The Book Arts Web - Peter D. Verheyen	United States	English	200 4





17	<u>Brazilian Journal of Information Science</u>	Universidade Estadual Paulista	Brazil	English, Portuguese	2007
18	<u>Bulletin des bibliothèques de France - publ. par Le service des bibliothèques, (Ministère des universités) en collab. avec La direction du livre, (Ministère de la culture et de la communication)</u>	French School of Librarianship and Information Science	France	French	1985
19	<u>Bulletin of the American Society for Information Science and Technology</u>	American Society for Information Science and Technology	United States	English	1995
20	<u>Bulletin of the Medical Library Association</u>	PubMed	United States	English	1911
21	<u>Chinese Librarianship: an International Electronic Journal</u>	Internet Chinese Librarians Club	United States	English	1996
22	<u>Ciência da Informação</u>	Instituto Brasileiro de Informacao em Ciencia e Tecnologia - IBICT	Brazil	Portuguese, Spanish, English	1997
23	<u>Ciencias de la Información</u>	Centro de Estudios y Desarrollo Profesional en Ciencias de la Información	Cuba	Spanish	1999
24	<u>Ciencias de la Información</u>	Centro de Estudios y Desarrollo Profesional en Ciencias de la Información	Cuba	Spanish	1999
25	<u>Code4Lib Journal</u>	Code4Lib	United States	English	2007
26	<u>Collaborative Librarianship</u>	Regis University	United States	English	2009
27	<u>Communications in</u>	Communications in	United	English	200





	<u>Information Literacy</u>	Information Literacy	States		7
28	<u>Cuadernos de Documentación Multimedia</u>	Universidad Complutense	Spain	Spanish	2003
29	<u>Cybermetrics: international journal of scientometrics, informetrics, and bibliometrics</u>	Centro de Informacion y Documentacion Cientifica	Spain	English	1997
30	<u>cybrarians journal</u>	cybrarians : The Arabic Portal For Librarianship and Information (Cairo)	Egypt	Arabic	2004
31	<u>D-Lib Magazine</u>	Corporation for National Research Initiatives	United States	English	1995
32	<u>Datagramazero</u>	IASI - Instituto de Adaptação e Inserção na Sociedade da Informação	Brazil	Portuguese, Spanish	2000
33	<u>DESIDOC Journal of Library & Information Technology</u>	DESIDOC, Ministry of Defence, India	India	English	2008
34	<u>DIGITHUM</u>	Fundació per la Universitat Oberta de Catalunya (FUOC)	Spain	Catalan, Spanish, English	1999
35	<u>e-Ciencias de la Información</u>	Universidad de Costa Rica	Costa Rica	Spanish	2011
36	<u>E-JASL: The Electronic Journal of Academic and Special Librarianship</u>	International Consortium for the Advancement of Academic Publication	Canada	English	1999
37	<u>EBIB</u>	Stowarzyszenie Bibliotekarzy Polskich. Komisja Wydawnictw	Poland	Polish, English	1999
38	<u>Electronic Journal of Health Informatics</u>	Health Informatics, Central Queensland University	Australia	English	2006
39	<u>Electronic Journal of Knowledge Management</u>	Academic Conferences International Limited	United Kingdom	English	2003
40	<u>Encontros Bibli:</u>	Universidade Federal de	Brazil	Portuguese	199





	<u>revista eletrônica de biblioteconomia e ciência da informação</u>	Santa Catarina - Ciência da Informação		se, Spanish	6
41	<u>Enl@ce Revista Venezolana de Información, Tecnología y Conocimiento</u>	Universidad del Zulia	Venezuela	Spanish	2004
42	<u>European Journal of ePractice</u>	ePractice.eu	Spain	English	2007
43	<u>Evidence Based Library and Information Practice</u>	University of Alberta Learning Services	Canada	English	2006
44	<u>Evolution of Science and Technology</u>	Vilnius Gediminas Technical University	Lithuania	Lithuanian, English, German	2009
45	<u>GMS Medizin-Bibliothek-Information</u>	German Medical Science GMS Publishing House, Düsseldorf	Germany	German, English	2006
46	<u>Hipertext.net</u>	Universitat Pompeu Fabra	Spain	English, Spanish	2003
47	<u>Human IT: tidskrift för studier av IT ur ett humanvetenskapligt perspektiv</u>	Högskolan i Borås	Sweden	Swedish, English	1997
48	<u>Informação & Informação</u>	Universidade Estadual de Londrina (UEL)	Brazil	Portuguese, Spanish	1996
49	<u>Informação & Sociedade: Estudos</u>	Universidade Federal da Paraíba	Brazil	Portuguese	1991
50	<u>Información, Cultura y Sociedad</u>	Universidad de Buenos Aires	Argentina	Spanish, Portuguese	2002
51	<u>Informatica Economica Journal</u>	Inforec Association	Romania	English, Romanian	1998
52	<u>Information Research: an international electronic journal</u>	Professor Tom Wilson	United Kingdom	English	1995
53	<u>Information</u>	E A S I: Equal Access to	United	English	199





	<u>Technology and Disabilities</u>	Software and Information	States		4
54	<u>Information Technology and Libraries</u>	American Library Association	United States	English	2011
55	<u>Informatologia</u>	Croatian Communication Association	Croatia	Croatian, English, German	2006
56	<u>Informing Science The International Journal of an Emerging Transdiscipline</u>	Informing Science Institute	United States	English	1997
57	<u>iNFOTEZY</u>	Uniwersytet Jana Kochanowskiego	Poland	Polish	2011
58	<u>Interdisciplinary Journal of e-Learning and Learning Objects</u>	Informing Science Institute	United States	English	2005
59	<u>Interdisciplinary Journal of Information, Knowledge, and Management</u>	Informing Science Institute	United States	English	2006
60	<u>International Journal of Digital Curation</u>	The Digital Curation Centre	United Kingdom	English	2006
61	<u>International Journal of Digital Library Services</u>	International Journal of Digital Library Services	India	English	2011
62	<u>International Journal of Doctoral Studies</u>	Informing Science Institute	United States	English	2006
63	<u>International Journal of Information Dissemination and Technology</u>	M. M. UNIVERSITY, MULLANA- AMBALA	India	English	2011
64	<u>International Journal of Legal Information</u>	International Association of Law Libraries	United States	English	2005
65	<u>International Research: Journal of Library and</u>	International Research : Journal of Library and Information Science	India	English	2011





	<u>Information Science</u>				
66	<u>International Review of Information Ethics</u>	International Center for Information Ethics	Germany	English, German, Spanish, Portuguese, French	2004
67	<u>Investigación Bibliotecológica</u>	UNAM, Centro Universitario de Investigaciones Bibliotecológicas	Mexico	Spanish, English	2005
68	<u>Issues in Informing Science and Information Technology</u>	Informing Science Institute	United States	English	2004
69	<u>Issues in Science and Technology Librarianship : a quarterly publication of the Science and Technology Section, Association of College and Research Libraries</u>	Association of College and Research Libraries, Science and Technology Section	United States	English	1991
70	<u>JLIS.it</u>	University of Florence	Italy	Italian, English	2010
71	<u>Journal of Digital Information</u>	Texas Digital Library	United States	English	1997
72	<u>Journal of Educational Media & Library Sciences</u>	Tamkang University Press	Taiwan	Chinese, English	2003
73	<u>Journal of Electronic Publishing</u>	University of Michigan Press	United States	English	1995
74	<u>Journal of eLiteracy</u>	University of Glasgow	United Kingdom	English	2004
75	<u>Journal of eScience Librarianship</u>	University of Massachusetts Medical School	United States	English	2012
76	<u>Journal of Health Informatics in Developing</u>	University of Otago	New Zealand	English	2007





	<u>Countries</u>				
77	<u>Journal of Information and Organizational Sciences</u>	University of Zagreb	Croatia	English	2006
78	<u>Journal of Information Architecture</u>	Research & Education Group in IA (REG-IA)	Denmark	English	2009
79	<u>Journal of Information Literacy</u>	Chartered Institute of Library and Information Professionals	United Kingdom	English	2007
80	<u>Journal of Information, Information Technology, and Organizations</u>	Informing Science Institute	United States	English	2006
81	<u>Journal of Librarianship and Information Studies</u>	National Chengchi University Libraries	Taiwan	Chinese, English	1992
82	<u>Journal of Librarianship and Scholarly Communication</u>	Pacific University (Oregon)	United States	English	2012
83	<u>Journal of Library and Information Science</u>	National Taiwan Normal University	Taiwan	Chinese, English	1975
84	<u>Journal of Library and Information Science Research</u>	Library Association of the Republic of China (Taiwan)	Taiwan	Chinese, English	2006
85	<u>Journal of Library and Information Studies</u>	National Taiwan University	Taiwan	Chinese, English	1999
86	<u>Journal of Library Innovation</u>	Western New York Library Resources Council	United States	English	2010
87	<u>Journal of Library Science</u>	National Taiwan University	Taiwan	Chinese, English	1985
88	<u>Journal of Medical Internet Research</u>	Gunther Eysenbach	Canada	English	1999
89	<u>Journal of southern academic and special librarianship</u>	International Consortium for the Advancement of Academic Publication	Canada	English	1999
90	<u>Journal of the</u>	American Association for	United	English	199





	<u>Association for History and Computing</u>	History and Computing	States		8
91	<u>Journal of the Canadian Health Libraries Association</u>	National Research Council of Canada	Canada	English, French	2006
92	<u>Journal of the European Association for Health Information and Libraries</u>	European Association for Health Information and Libraries	Netherlands	English	2005
93	<u>Journal of the Medical Library Association</u>	Medical Library Association	United States	English	2002
94	<u>The journal of the Rutgers University Library.</u>	Rutgers University	United States	English	2005
95	<u>Kansas Library Association College and University Libraries Section Proceedings</u>	Kansas State University	United States	English	2011
96	<u>Knjižnica : Revija za Področje Bibliotekarstva in Informacijske Znanosti</u>	Zveza Bibliotekarskih Društev Slovenije, Narodna in Univerzitetna Knjižnica	Slovenia	Slovene	1999
97	<u>Knygotyra</u>	Vilnius University Press	Lithuania	Lithuanian, English	2000
98	<u>Liber Quarterly : The Journal of European Research Libraries</u>	Igitur, Utrecht Publishing & Archiving Services	Netherlands	English	1999
99	<u>Library & Information Research : Research into Practice for Information & Library Services</u>	CILIP Library & Information Research Group	United Kingdom	English	2007
100	<u>Library Philosophy and Practice</u>	University of Nebraska, Lincoln libraries	United States	English	1998
10	<u>Library Student</u>	University at Buffalo,	United	English	200





1	<u>Journal</u>	Department of Library and Information Studies	States		6
10 2	<u>LIBREAS - Library Ideas</u>	Institut für Bibliothekswissenschaft Berlin, BibSpider	Germany	German	200 5
10 3	<u>Libres: Library and Information Science Research Electronic Journal</u>	Curtin University of Technology, School of Media and Information	Australia	English	199 6
10 4	<u>Liinc em Revista</u>	Laboratório Interdisciplinar em Inofrmação e Conhecimento (LIINC)	Brazil	Portuguese, Spanish, English	200 5
10 5	<u>Medizin-Bibliothek-Information</u>	Arbeitsgemeinschaft für Medizinisches Bibliothekswesen	Germany	German	200 1
10 6	<u>Métodos de Información</u>	Col·legi Oficial de Bibliotecaris i Documentalistes de la Comunitat	Spain	Spanish, Catalan	201 0
10 7	<u>New Knowledge Environments</u>	University of Victoria	Canada	English	200 9
10 8	<u>North Carolina Libraries</u>	North Carolina Library Association	United States	English	200 2
10 9	<u>Open Journal of Knowledge Management</u>	Community of Knowledge	Germany	German, English	201 0
11 0	<u>Pakistan Journal of Library and Information Science</u>	University of the Punjab	Pakistan	English	200 6
11 1	<u>Partnership : the Canadian Journal of Library and Information Practice and Research</u>	The Partnership: The Provincial and Territorial Library Associations of Canada	Canada	English, French	200 6
11 2	<u>Pecia Complutense : Boletín de la Biblioteca Histórica de la Universidad Complutense de Madrid</u>	Universidad Complutense de Madrid	Spain	Spanish	200 4
11 3	<u>PERSPECTIVAS EM CIÊNCIA DA INFORMAÇÃO</u>	Escola de Ciência da Informação da Universidade Federal de	Brazil	Portuguese	199 6





		Minas Gerais			
114	<u>Perspectivas em Gestão & Conhecimento</u>	Universidade Federal da Paraíba	Brazil	Portuguese	2011
115	<u>Perspektive Bibliothek</u>	University Library Heidelberg	Germany	German	2012
116	<u>Podkarpackie Studia Biblioteczne</u>	Library of Rzeszow University	Poland	Polish	2012
117	<u>PontodeAcesso</u>	Universidade Federal da Bahia	Brazil	Portuguese	2007
118	<u>Potsdamer Beiträge und Reportagen aus den Informationswissenschaften</u>	Fachhochschule Potsdam	Germany	German	2008
119	<u>Practical Academic Librarianship</u>	Special Libraries Association (SLA)	United States	English	2011
120	<u>ProInflow</u>	Masaryk University	Czech Republic	Czech, Slovak	2009
121	<u>Pustaha</u>	University of Sumatera Utara	Indonesia	Indonesian	2005
122	<u>Revista ACB</u>	Associação Catarinense de Bibliotecários - ACB	Brazil	Portuguese	1996
123	<u>Revista Digital de Biblioteconomia e Ciência da Informação</u>	Sistema de Bibliotecas da Universidade Estadual de Campinas	Brazil	Portuguese, English, Spanish	2003
124	<u>Revista Española de Documentación Científica</u>	Consejo Superior de Investigaciones Científicas	Spain	Spanish, English	1998
125	<u>Revista Interamericana de Bibliotecología</u>	Universidad de Antioquia	Colombia	Spanish, Portuguese, French	2000
126	<u>Revue électronique suisse de science de l'information - RESSI</u>	Haute école de gestion Genève	Switzerland	French, German, English, Italian	2005
127	<u>Revue Française des Sciences de l'Information et de la Communication</u>	Société Française de Sciences de l'Information et de la Communication	France	French	2012
128	<u>REVVY : Tidsskrift</u>	Danmarks	Denmark	Danish,	200





8	<u>for Danmarks Forskningsbibliotek sforening</u>	Forskningsbiblioteksforening	k	English	4
12 9	<u>School Library Media Research</u>	American Association of School Librarians	United States	English	199 8
13 0	<u>SCIRES-IT : SCientific RESearch and Information Technology</u>	CASPUR-CIBER Publishing	Italy	Italian, English	201 1
13 1	<u>Serie Bibliotecología y Gestión de Información</u>	Universidad Tecnológica Metropolitana	Chile	Spanish	200 5
13 2	<u>Simbiosis. Revista Electrónica de Ciencias de la Información</u>	Graduate School of Information Sciences and Technologies EGCTI), University of Puerto Rico	Puerto Rico	Spanish, English	200 9
13 3	<u>Singapore Journal of Library & Information Management</u>	Library Association of Singapore	Singapo re	English	200 8
13 4	<u>South African Journal of Information Management</u>	InterWord Communications and Department of Information and Knowledge Management, University of Johannesburg	South Africa	English	199 9
13 5	<u>Sprouts : Working Papers on Information Systems</u>	Sprouts Alliance	Netherl ands	English	200 1
13 6	<u>Studii de Biblioteconomie și Știința Informării</u>	University of Bucharest	Romani a	Romania n, English	
13 7	<u>Svensk Biblioteksforskning</u>	Swedish School of Library and Information Science	Sweden	Swedish, English, Norwegia n, Danish	200 5
13 8	<u>Theological Librarianship</u>	American Theological Library Association	United States	English	200 8
13 9	<u>Trends in Information</u>	University of Kashmir	India	English	200 5





	<u>Management</u>				
14 0	<u>Türk Kütüphaneciliği</u>	Türk Kütüphaneciler Derneği / Turkish Librarians' Association	Turkey	Turkish, English	198 7
14 1	<u>Urban Library Journal</u>	Library Association of the City University of New York	United States	English	200 7
14 2	<u>Virginia Libraries</u>	Virginia Library Association	United States	English	199 6
14 3	<u>Vjesnik bibliotekara Hrvatske.</u>	Hrvatsko knjižničarsko društvo	Croatia	Croatian	200 3
14 4	<u>Webology</u>	University of Tehran, Department of Library and Information Science	Iran	English	200 4

7.3 Information & Communication Sciences journal in AJOL

African Journals Online includes 11 Journals belonging to the sub subject Information & Communication Sciences which is closely related to LIS profession. The list is shown in Table No. 11. The maximum journals in Information & Communication Sciences have been contributed by Nigeria followed by South Africa.

**Table No.11: List of the Information & Communication Sciences
in AJOL**

Sr. No.	Name of the Journals	Country	From Year (Archives)
01	<u>African Journal of Library, Archives and Information Science</u>	Nigeria	2000-2014
02	<u>ESARBICA Journal: Journal of the Eastern and Southern Africa Regional Branch of the International Council on Archives</u>	South Africa	2001-2013
03	<u>Ghana Library Journal</u>	Ghana	2002-2013
04	<u>Information Manager (The)</u>	Nigeria	2006-2013
05	<u>Information Technologist</u>		2004-2013
06	<u>Innovation</u>	South Africa	2001-2012
07	<u>International Journal of Pedagogy, Policy and ICT</u>		2012-2014





	in Education		
08	Journal of Librarianship and Information Science in Africa	Nigeria	2001
09	Journal of the South African Society of Archivists	UNISA	2011-2013
10	Lagos Journal of Library and Information Science	Nigeria	2003-2005
11	<u>Nigerian Libraries</u>	Nigeria	2000-2002
12	Nigerian School Library Journal	Nigeria	2010-2013
13	Revue d'Information Scientifique et Technique	Alger	1999-2003
14	Samaru Journal of Information Studies	Nigeria	2006-2011
15	<u>University of Dar es Salaam Library Journal</u>	Tanzania	2002-2008

7.4 Subject wise analysis in Bioline International

BI's goal of reducing the South to North knowledge gap is crucial to a global understanding of health Table No. 12 shows subject wise availability of OA journals in Bioline International.

Table No.12: Subject wise List of the Journals included in Bioline International

Sr. No.	Main Subject	No. of OA journals available	%
1	Agriculture & Crop Sciences	03	7.5
2	Biochemistry	01	2.5
3	Biotechnology	01	2.5
4	Environmental Sciences	03	7.5
5	Fertility & Women's Health	04	7.5
6	Food & Nutritional challenges	04	7.5
7	Health & Population studies	10	22.5





8	Medical Sciences	13	35
9	Pharmacology	02	2.5
10	Zoology & Animal sciences	02	5.0
		40	100

It is observed that out of 40 journals, the highest number belongs to Medical Sciences i.e. 14 (35%) followed by Health & Population Studies i.e. 9 (22.5 %).

7.5 Content Coverage of Highwire

HighWire Press hosts the largest repository of high impact, peer-reviewed OA journals. It is observed that classification tree covers 5 main subjects. Total 80 sub subjects are included. The data has been tabulated in Table No. 13

Table No. 13: Classification tree of Highwire (Stanford University)

Sr. No.	Main Subjects	No. of Sub Subjects	Details
01	Biological Sciences	22	<u>Agriculture, Biochemistry, Biophysics, Cell Biology, Developmental Biology, Ecology, Endocrinology, Entomology, Evolution, Genetics, Genomics, Immunology, Microbiology, Neuroscience, Oncology, Pharmacology Physiology, Plant Biology, Population Biology, Signal Transduction, Veterinary Science and Virology</u>
02	Humanities	04	<u>Area Studies, Language Studies, Music ,Religious Studies</u>
03	Medical Sciences	32	<u>Clinical Accident and Emergency, edicine,Anesthesia, Analgesia, Pain Evidence Based Pra Cardiovascular Medicine and Stroke ctice, Complementary Medicine, Critical Care / Intensive Care, Dentistry and Oral Medicine, Dermatology, Gastroenterology, General Practice / Primary Care, Geriatrics, Hematology, Infectious Disease, Nutrition, Occupational Health, OphthalmologyPalliative Medicine, Pathology, Pediatrics, Prison Medicine,</u>





			<u>Psychiatry</u> , <u>Radiology</u> , <u>Rehabilitation Medicine</u> , <u>Renal and Urologic Medicine</u> , <u>Respiratory Medicine</u> , <u>Rheumatology</u> , <u>Sexual Medicine</u> , <u>Sports and Exercise Medicine</u> , <u>Surgery</u> , <u>Travel Medicine</u> , <u>Women's Health</u> , <u>Medicine</u> , <u>Nonclinical</u>
04	Physical Sciences	12	<u>Astronomy</u> , <u>Atmospheric Science</u> , <u>Chemistry</u> , <u>Computer Science</u> , <u>Earth Sciences</u> , <u>Engineering</u> , <u>Materials Science</u> <u>Mathematics</u> , <u>Oceanography</u> , <u>Physics</u> , <u>Planetary Sciences</u> , <u>Statistics</u>
05	Social Sciences	10	<u>Anthropology</u> , <u>Communication</u> , <u>Criminology</u> , <u>Economic Science</u> , <u>Education</u> , <u>Management</u> , <u>Political Science</u> , <u>Psychology</u> , <u>Research Methods</u> , <u>Sociology</u>
	Total	80	

8. CONCLUSIONS

Open access to scholarly information is a burning issue in web based education and research nowadays. Open access has become an increasingly important and potentially divisive issue in recent years, as journal inflation rates have increased. For many librarians and scholars, journal price inflation is itself the central problem and open access is the solution. Since it is the need of the hour. Directories of Open Access Journals aim to increase the visibility and ease of use of open access scientific and scholarly journals thereby promoting their increased usage and impact. It also aims to be comprehensive and cover all open access scientific and Scholarly journals that use a quality control system to guarantee the content. In short these serve as one stop shop for users to Open Access Journals. These directories are expanding day by day as the





research community has rightly identified that Open Access to scientific and scholarly literature is a need for the hour.

9. REFERENCES

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