

**TABLE 1. Environmental Microbiology Journals in  
Zone One**

1	Applied and Environmental Microbiology (0099-2240)
2	Journal of Bacteriology (0021-9193)
3	International Journal of Systematic and Evolutionary Microbiology (1466-5026) (formerly International Journal of Systematic Bacteriology)
4	Nature (0028-0836)
5	Proceedings of the National Academy of Sciences of the United States of America (0072-8424)

**Table 2. Environmental Microbiology Journals in Zone Two**

1	FEMS Microbiology Ecology (0168-6496)	17	Journal of Molecular Biology (0022-2836)
2	Environmental Microbiology (1462-2912)	18	Marine Ecology – Progress Series (0171-8630)
3	Microbiology – UK (1350-0872)	19	Journal of Microbiological Methods (0167-7012)
4	Science (0036-8075)	20	Infection and Immunity (0019-9567)
5	Nucleic Acids Research (0305-1048)	21	FEMS Microbiology Reviews (0168-6445)
6	Molecular Microbiology (0950-382X)	22	Canadian Journal of Microbiology (0008-4166)
7	Archives of Microbiology (0302-8933) (formerly Archiv für Mikrobiologie)	23	Gene (0378-1119)
8	FEMS Microbiology Letters (0378-1097)	24	Aquatic Microbial Ecology (0948-3055)
9	Microbiology and Molecular Biology Reviews (1092-2172) (formerly Microbiological Reviews)	25	Journal of Clinical Microbiology (0095-1137)
10	Limnology and Oceanography (0024-3590)	26	Journal of Applied Microbiology (1364-5072) (formerly Journal of Applied Bacteriology)
11	Microbial Ecology (0095-3628)	27	Applied Microbiology and Biotechnology (0175-7598) (formerly European Journal of Applied Microbiology and Biotechnology)
12	Systematic and Applied Microbiology (0723-2020) (formerly Zentralblatt für Bakteriologie, Mikrobiologie, und Hygiene 1)	28	Antonie van Leeuwenhoek International: Journal of General and Molecular Microbiology (0003-6072)
13	Soil Biology and Biochemistry (0038-0717)	29	Geochimica et Cosmochimica Acta (0016-7037)
14	Journal of Biological Chemistry (0021-9258)	30	Plant and Soil (0032-079X)
15	Environmental Science and Technology (0013-936X)	31	Water Science and Technology (0273-1223)
16	Annual Review of Microbiology (0066-4227)		

**Table 3. Database Overview**

Database	Producer	Journals Indexed (N)	Subject area	Cover to Cover Indexing of All Journals
Agricola	National Agriculture Library of the U. S.	772	Agriculture	No
Biological Abstracts	Thomson Scientific	Over 5,000	Life sciences	No
BIOSIS Previews	Thomson Scientific	Over 5,000	Life sciences	No
CAB Abstracts	CABI Publishing	Over 6,000	Agriculture and applied life sciences	No
CAplus	Chemical Abstracts Service	over 9,000	Chemistry	No
Compendex	Engineering Information	Over 3,000	Engineering	No
Environment Abstracts	LexisNexis	650	Environmental sciences	No
Environmental Sciences and Pollution Management (ESPM) Abstracts	CSA	Over 6,000 serials	Environmental sciences	No
GeoRef	American Geological Institute	Over 3,500	Geological sciences	No
MEDLINE	National Library of Medicine	Over 4,800 journals	Medical sciences	No
Scopus	Elsevier	Over 14,000	Multidisciplinary	Yes (from 1996)
Web of Science	Thomson Scientific	8,830	Multidisciplinary	Yes

Table 4. Database Coverage of Environmental Microbiology Journals

Database	Journals Indexed N=36	Journals Indexed Completely N=36
Web of Science	36	36
Environmental Sciences and Pollution Management (ESPM) Abstracts	36	21
Scopus	35	35
CAPLUS	35	23
CAB Abstracts	35	2
MEDLINE	34	26
BIOSIS Previews	33	33
Biological Abstracts	30	21
GeoRef	28	1
Agricola	15	1
Compendex	10	9
Environment Abstracts	10	0

**Table 5. Percentage of Articles Found in Selected Databases**

Database	Articles Found (%)
Web of Science	99%
Scopus	95%
BIOSIS Previews	90%
CAPLUS	84%
Biological Abstracts	83%
Environmental Science and Pollution Management (ESPM) Abstracts	78%
MEDLINE	69%
CAB Abstracts	29%

Table 6. Database Combinations with >90% Coverage  
(excluding Web of Science)

Database Combinations	Percentage of Articles Found
Scopus & BIOSIS Previews	98.4
Scopus & Biological Abstracts	97.9
Scopus & ESPM Abstracts	97.4
Scopus & CAB Abstracts	97.1
CAplus & BIOSIS Previews	96.6
MEDLINE & BIOSIS Previews	96.3
CAplus & ESPM Abstracts	96.0
CAplus & Biological Abstracts	95.8
Medline & Biological Abstracts	93.7
ESPM Abstracts & Biological Abstracts	92.9
ESPM Abstracts & Medline	92.3
CAplus & CAB Abstracts	91.0
CAplus & Medline	90.8