**Code Catalogue**:

Assigns a code to each search criteria

***A priori* Decisions**:

Country/Region (CU)

USA

Journal(s)

[*Ecology*](https://esajournals.onlinelibrary.wiley.com/journal/19399170) publishes articles that report on the basic elements of ecological research. Emphasis is placed on concise, clear articles documenting important ecological phenomena. This journal is published by the Ecological Society of America (ESA).

Whereas the [*Journal of Ecology*](https://besjournals.onlinelibrary.wiley.com/journal/13652745)is a British Ecological Society journal. It publishes original research papers on all aspects of the ecology of plants (including algae), in both aquatic and terrestrial ecosystems. Since this journal is not published the USA, it will be removed from the search criteria.

Language

English

Research Area (SU)

Environmental Sciences & Ecology

Timespan

1900-1999

Document Type

Article

Key Words

“eco\*” OR “evo\*” – Want to get papers that include words like ecology, ecosystem, and evolution. That is because we want to get definitions of these words in the direct context of the research being performed.

NOT “paleo” NOT “bio” NOT “microbiology”– Not focused on papers that are too molecular, analyzing the “biology” of species nor are we focused on the “paleontology” of species because that field has too large evolutionary time scales. We are narrowing our findings to relatively short-term evolution and ecological dynamics.

< full code name> | < short code name for files >

**TS1SU1WC1CU1-J1-Y100-A | WCUSA**

((TS=("ecolog\*") AND SU=Environmental Sciences & Ecology AND WC=Ecology AND CU=USA))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCI-EXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 5,402 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY**. Click **Refine**. You will see 709 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=7CBiW9bYf4lf8Ze5won&search_mode=AdvancedSearch&prID=edc9828d-8a8f-41ff-b517-bd231e6a39dd) to the final result.

**TS2SU1CU1-J1-Y100-A | TS2J1-F**

((TS=(("eco\*" OR “evo\*”)) AND SU=Environmental Sciences & Ecology AND CU=USA))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCIEXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 19,056 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY**. Click **Refine**. You will see 11,711 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/summary.do?product=WOS&doc=1&qid=6&SID=5CsTP2sa7EQv95VDKo6&search_mode=AdvancedSearch&update_back2search_link_param=yes) to the final result.

**TS2SU1CU1-J1-Y100-A | TS2J1-S**

((TS=(("eco\*" OR “evo\*”) NOT "bio\*" NOT "paleo\*" NOT "microbiology") AND SU=Environmental Sciences & Ecology AND CU=USA))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCIEXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 14,324 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY**. Click **Refine**. You will see 8,529 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=5CsTP2sa7EQv95VDKo6&search_mode=AdvancedSearch&prID=813ce16c-8fb7-4691-8146-73152135dc7d) to the final result.

**BA-SU1CU1-J1-Y100-A | BAJ1**

When you go to the Web of Science Basic Search page and you select “Publication Name” in the drop down menu next to the Search button, type in “Ecology” in the search bar and then click on search. You get 17,080 hits. Then, select the years 1900-1999 and you then get 10,067. Next, select only for articles to get down to 8,408. Selecting for English reduces it slightly to 8,406 hits.

Finally, select for USA as the Country/Region and get 4,677 ([link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=6DYjQGLU4riqKyp51J8&search_mode=GeneralSearch&prID=c1f53f23-973b-4590-a30e-2fe8d36d9e7f)). Notably, if you select for a Research Area (SU) of Environmental Sciences and Ecology, then there is no change in the number of hits. This then leaves you with a total of 4,677.

**Old Search Criteria**:

**TS1SU1WC1-J1-Y100-A | WC**

((TS=("ecolog\*") AND SU=Environmental Sciences & Ecology AND WC=Ecology))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCI-EXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 13,613 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY**. Click **Refine**. You will see 1,100 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=5C1gNouD5pzsDOQyCCj&search_mode=AdvancedSearch&prID=1a3aa23f-7cb0-48ae-87b0-1e5cb374434e) to the final result.

**TS9SU1CU1-J2-Y100-A | TS9J2**

((TS=("eco\*" OR “evo\*” NOT "econo\*" NOT "ecofem\*" NOT “ecotour\*” NOT “paleo\*” NOT "bio\*" NOT “evok\*” NOT “evoc\*”) AND SU=Environmental Sciences & Ecology AND CU=USA))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCIEXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 18,247 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY** and **JOURNAL OF ECOLOGY**. Click **Refine**. You will see 1,169 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=6DYjQGLU4riqKyp51J8&search_mode=AdvancedSearch&prID=39999d50-b53b-463a-817d-737a9171b02f) to the final result.

**TS9SU1CU1-J1-Y100-A | TS9J1-SS**

((TS=(("eco\*" OR “evo\*”) NOT "econo\*" NOT "ecofem\*" NOT “ecotour\*” NOT “paleo\*” NOT "bio\*" NOT “evok\*” NOT “evoc\*”) AND SU=Environmental Sciences & Ecology AND CU=USA))

1. Under “Restrict results by languages and document types:” select **English** and **Article**.
2. Under “Timespan” select **Custom year range** from years **1900** to **1999**.
3. Under “Web of Science Core Collection: Citation Indexes” **keep all indexes selected** (SCIEXPANDED, SSCI, A$HCI, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.)
4. Press **Search**. You will see 10,443 results. Click on that number and, on the next browser, scroll down to “**Source Titles**” at the bottom of the left hand side handle. Click on the drop down and select **ECOLOGY**. Click **Refine**. You will see 7,870 results. Here is a [link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=5CsTP2sa7EQv95VDKo6&search_mode=AdvancedSearch&prID=f9a9a6d3-aa66-4200-ae57-ec89bd07efa5) to the final result.

**BA-SU1CU1-J2-Y100-A | BAJ2**

When you go to the Web of Science Basic Search page and you select “Publication Name” in the drop down menu next to the Search button, type in “Journal of Ecology” in the search bar and then click on search. You get 7,211 hits. For “Ecology”, you get 17,080 hits. However, when you select the years 1900-1999 for each, you then get 3,997 and 10,067, respectively. When you select only for articles you then filter down to 3,520 and 8,408, respectively. Selecting for English reduces each slightly to 3,520 and 8,406, respectively.

Finally, when you select for USA as the Country/Region, you are left with 561 ([link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=6DYjQGLU4riqKyp51J8&search_mode=GeneralSearch&prID=8e1a816a-d69b-4497-b73e-9457a90a2411)) and 4,677 ([link](http://apps.webofknowledge.com.proxy.uchicago.edu/Search.do?product=WOS&SID=6DYjQGLU4riqKyp51J8&search_mode=GeneralSearch&prID=c1f53f23-973b-4590-a30e-2fe8d36d9e7f)), respectively. Notably, if you select for a Research Area (SU) of Environmental Sciences and Ecology, then there is no change in the number of hits. This then leaves you with a total of 5,238.