



finding information on . . .

The “Roly Poly”—BIOL 112

Electronic Sources

- a) Select one of the databases below to search. (All four are listed on the “[Databases](#)” list available from the University Libraries website, www.bsu.edu/library.)
- b) Search for articles in the database. Try the suggested keywords to the right.
- c) Locate the article.

- 1) *Biological Abstracts*. 1969-present with very few entries from before 1995.

Key database for the field of biology.

- 2) *Entomology Abstracts*. Current year only.

Key database for the field of entomology.

- 3) *AGRICOLA*. 15th century to date.

Key database for agriculture.

- 4) *JSTOR*. 19th century to date (does not include most recent years).

This multidisciplinary database indexes 21 journals from the fields of Ecology and Evolutionary Biology.



Suggested Keywords

- ▶ Pill Bug
- ▶ Roly Poly
- ▶ Armadillidium Vulgare
- ▶ Woodlice
- ▶ Isopoda (a broader term)
- ▶ Terrestrial Isopods (a broader term)



Note: Not all of the keywords work equally well in each of the databases.

Print Indexes

- 1) Use either of the resources listed on pages 2-3 along with any of the keywords listed in the box above to find a citation to an article.
- 2) Find the journal title in the citation.
- 3) If necessary, use *Periodical Title Abbreviations* at the Reference Desk or [Google](#) (with the word “journal”) to determine what the journal title abbreviation stands for.
- 4) Look up the journal title in [CardCat](#) using a “Begins with” search.
- 5) If we have the volume and issue that you need, locate it in the library.

Tip: We may not have the journal you need, so it’s a good idea to find a few citations before you look up the journal titles in [CardCat](#).

(See pages 2-3 for specific indexes, explanations, and examples.)

Using print indexes: *Biological Abstracts*

1929 to 1999—General Collection 4th Floor West, ranges 88-89

- 1) Look for either the cumulative index or semi-annual cumulative subject index volumes. Use the subject index to find citations to articles. The index will supply you with an **entry number** to be used in the other volumes (i.e. the subject index volumes) for that year.

Armadillidium repeat proteins Genetics/ Cell Biology	258368	} entry numbers
Armadillidium-vulgaris (Malacostraca) Systematics and Taxonomy	279842	
Armand Trousseau Hospital Pediatrics/ Otolaryngology/ Paris	263387	

- 2) The non-subject index volumes will indicate on the **spine** of the volume which entry numbers are contained in that volume.

106	} range of entry numbers
April	
278002-290501	
1999	

- 3) When you look up the entry you will find an abstract of the article and the citation for the article.

entry number	author	journal title	volume number	issue number
279842	Nasari, K., C.	<i>Invertebrate Reproduction and Development</i>	34	(2)
Nov.: 117-123. Sensitivity to photoperiod of the terrestrial isopod <i>Armadillidium vulgare</i>. — The characterization of photoperiod induction of sexual rest in <i>Armadillidium vulgare</i> females (a cosmopolitan species) shows that the photoperiodic curves related to the cessation of reproduction are representative of long-days type species.				
				} abstract

Using print indexes: *Entomology Abstracts*

2004 to 2006—Science Health Science Library QL461. E5
1990-2003—Reference Collection QL461. E5
1969-1989—Storage QL461. E5

- 1) At the end of each volume, locate an **entry number** in the subject index using one of the keywords in the box on page 1.

Armadillidium nasatum , Success and failure of horizontal transfers of	1428	} entry numbers
Armadillidium vulgare , Ovarian and hemolymph ecdysteroids in the	5131	
Armadillidium vulgare , Success and failure of horizontal transfers of	1428	

- 2) Look in other volumes from the same year as the cumulative index for the entry number. Unlike *Biological Abstracts*, the spines of the volumes do not have entry numbers. When you find the entry number, you will find an abstract of the article and the citation for the article.

entry number	journal title	volume number	issue number	author	journal title
5131-Z28	Ovarian and hemolymph ecdysteroids in the terrestrial isopod <i>Armadillidium vulgare</i> (malacostracan Crustacea).	Suzuki, S.	GEN. COMP. ENDOCRINOL., Vol. 104, No. 2, Nov. 1996, pp129-138, ISSN 0016-6480.		
	Ovarian and hemolymph ecdysteroids in <i>Armadillidium vulgare</i> were analyzed at four stages of ovarian maturation.				

- 3) You will need to use the *Periodical Title Abbreviations* at the Reference Desk to determine what the journal title abbreviation stands for, or you can search [Google](https://www.google.com) for the abbreviation, using the word “journal” in the search.