



Jacksonville State University  
**JSU Digital Commons**

---

Research, Publications & Creative Work

Faculty Scholarship & Creative Work

---

1997

## Pathfinders On-Line: Adding Pathfinders to a NOTIS On-Line System

Harry D. Nuttall

Sonja L. McAbee

Follow this and additional works at: [https://digitalcommons.jsu.edu/fac\\_res](https://digitalcommons.jsu.edu/fac_res)

 Part of the Information Literacy Commons

---

Pathfinders On-line: Adding Pathfinders to a NOTIS On-line System

Harry D. Nuttall and Sonja L. McAbee

**ABSTRACT.** For decades, print pathfinders have complemented card catalogs and been useful reference tools. They're overlooked as components of on-line catalogs, even though they can extend the depth of the catalog. To encourage librarians to consider integrating pathfinders into on-line catalogs, the authors discuss problems in OPAC searching and describe the value and styles of pathfinders and illustrate how to include them in a NOTIS system.

**KEYWORDS.** Pathfinder, pathfinder format, pathfinder instruction, construction of pathfinders, NOTIS, on-line pathfinders, OPAC searching.

Harry D. Nuttall (MA, MLIS, Louisiana State University) is Assistant Professor and Literature Librarian at Houston Cole Library of Jacksonville State University, Jacksonville, AL 36265.

Sonja L. McAbee (MLS, University of Alabama) is Associate Professor and Acquisitions Librarian at Houston Cole Library of Jacksonville State University, Jacksonville, AL 36265.

Pathfinders have complemented library card catalogs and been useful reference tools for decades. They can play an equally important role as components of on-line public access catalogs (OPACS), although this application has been overlooked in the professional literature. By transferring existing print pathfinders into on-line catalogs, with slight formatting modifications, librarians can enhance library service by extending the depth of catalog indexing or by providing points of access that differ from traditional ones. As libraries link catalogs through computer networks or provide dial-up options via off-site terminals, these enhancements will be available to expanded clienteles. This paper describes two pathfinder models, standard/traditional and alternative, their usefulness in on-line systems, and discuss the particulars of loading them into a NOTIS integrated system.

### *LITERATURE REVIEW*

In 1984 Pauline A. Cochrane presented a six-part "continuing education course" in *American Libraries* that focused on subject searching in on-line public access catalogs (OPACS) (Cochrane 1984). In an article one year later, William E. Jarvis observed that "no one heretofore has formulated the concept of integrated library automated systems supplied with classic pathfinders (or their equivalent)," (Jarvis 1985, 65); earlier in the same article he stated "the concept of straightforwardly transforming traditional printed library pathfinders into on-line PAC 'guideware' is nowhere to be found, at least in the literature (Jarvis 1985, 66). Ten

years later Jarvis's observations are still largely true.

While information on pathfinders and even pathfinders themselves can be located electronically, a *Wilsonline* search of *Library Literature* turned up only five citations, and one was a reprint of an article previously published. Of the four original citations, the most recent, a 1991 article by Diane Schmidt, is itself a pathfinder (Schmidt 1991, 68-83). Another, a 1985 article by A. Robert Rogers, compares citations taken from print sources with those from on-line databases used in the preparation of philosophy pathfinders (Rogers 1985, 54-55). A recently published article by Jim M. Kapoun which appeared in this publication offers a format and construction guide for the preparation of pathfinders. Although useful in their own right, these publications fall outside the scope of this paper.

Of the two remaining citations, one is the article by William Jarvis quoted earlier. It suggests the possibility of integrating traditional pathfinders into on-line catalogs and provides an example. Last a follow-up article by Jarvis and Victoria E. Dow elaborates on the proposal made in Jarvis's earlier article and offers examples of subject pathfinders loaded into an OPAC using a GEAC integrated library system (Jarvis and Dow 1986, 213-227). This paper provides an example of an electronic pathfinder in the NOTIS system and offers on-line pathfinders as a solution to problems associated with OPAC searching.

### *PATHFINDERS IN PRINT*

While on-line pathfinders may have been overlooked, print library aids have long been traditional tools in academic libraries (Stevens et. al. 1973, 40-46). They go by various names: pathfinder, guide, LC Tracer Bullet; but no matter what they are called their role within a library is the same: starting points for library research. They function as guides to specific subjects, both supplementing and complementing a library's reference collection and catalog. Because of their "start-up" function, these guides rarely provide an extensive list of titles for research beyond the initial phase.<sup>1</sup> Academic librarians who recognize the time-saving potential of pathfinders may prepare them for their library's "hot topics," subject searches that occur over and over. Initial preparation can be time-consuming and labor-intensive, but the efforts will be rewarded many times over as librarians refer patrons to pathfinders instead of repeating the same instruction with numerous patrons.

Librarians who collect pathfinders from other libraries they visit know that their form and content vary. Despite this, a "standard/traditional model" has evolved, which emphasizes breadth of scope and types of resources and has been used for broad subjects such as AIDS, the Civil War, careers, or achievement tests.<sup>2</sup> The principal components of this pathfinder model are scope notes, relevant subject headings, cross references, call number browsing ranges, and sections highlighting categories of reference works (e.g. bibliographies, directories, encyclopedias, indexes,

etc.). This model generally offers two or three titles within a section but does not provide a long listing of bibliographic citations, its purpose being to help a patron with an unfocused subject initiate a materials search rather than provide the end result of such a search: the working bibliography.<sup>3</sup>

Another type of pathfinder, which differs considerably from the standard/traditional, is more narrow in scope and often aims for the "bull's-eye" on a target, addressing a tightly-focused, specific subject. It is not meant to initiate a materials search so much as to provide, at least in part, the result of such a search: the working bibliography. Its primary purpose is to assist college and university students, doing research, whose need for source materials is not met adequately by the library's catalog and reference section. For this reason it contains more full bibliographic citations than the standard model and, while it may replicate some portions of the catalog, it is just as likely to supplement the catalog and the reference collection by tracing items which otherwise might "fall through the cracks." In this paper, we refer to this model as the "alternative pathfinder."

### *PATHFINDERS ON-LINE*

If libraries did nothing more than transfer existing print pathfinders into on-line catalogs they would derive considerable advantages from doing so. Pathfinders on-line can "eliminate the scatter of stand-alone paper-based aids" (Jarvis and Dow 1986, 215). They obviate the bother of checking print pathfinder inventories and save printing costs. Even if OPAC terminals have

attached printers, the cost of screen prints is less than print runs done at a campus print shop. Further, librarians would not have to worry about pathfinders kept in note books by the OPAC being ignored or torn out.<sup>4</sup>

Patron convenience is a significant benefit of including pathfinders in on-line catalogs. The aid function is preserved (Jarvis and Dow 1986, 215); and if the OPAC workstation permits it, pathfinders can be downloaded or printed, in which case their availability and accessibility are at least as great as with the print format. Placing pathfinders in an on-line catalog where other subject searches are done enhances the "one-stop shopping" approach many library users favor, and the presence of a pathfinder can impose a degree of order for an initial subject search. Even if a pathfinder only duplicates information already in the OPAC, scrolling through it is easier than toggling among a series of unlinked index and bibliographic record screens. Beyond these practical advantages, there is another reason why libraries should consider loading pathfinders into their OPACs: doing so dramatically enhances the system's capabilities for access (Jarvis and Dow 1984, 213).

Charles Hildreth noted that library "users prefer the one-stop, self-service approach when they search for information" (Cochrane March 1984, 145), and Pauline Cochrane observed that results of studies conducted on subject access indicate the majority of on-line catalog users are performing subject searches with less than satisfactory results; they cannot find related

subject terms and cannot easily reduce or increase their search results (Cochran February 1984, 80). Loading pathfinders into on-line catalogs addresses some of these problems. Their presence certainly enhances the catalog's "one-stop" capability, and using the narrow-scope "alternative" pathfinder model helps to eliminate false matches and thereby decreases the user's frustration with mismatched search results.<sup>5</sup>

In OPACS, the sciences and social sciences can be served quite well by the standard, broad-scope pathfinder. The majority of the holdings in these areas are adequately described using narrowly defined subject headings and bibliographic descriptions with little detail. However, fields in the humanities such as philosophy, history, and the arts have different requirements. Brian Aveny noted that "monographic literature is of primary interest to past-looking fields such as literature and history" (Cochrane, July/August 1984, 528), and Sanford Berman called for "expansion of the assignment policy to include headings for literary genres and for thematic topics applied to individual novels, plays, and other literature" (Cochrane, April 1984, 254).

In academic libraries subject searches in the humanities, especially the arts, usually involve looking for information about an artist (e.g. author, composer, painter, etc.) or work (e.g. novel, short story, painting, etc.), or even some aspect of a work. The potential for relevance and false matching problems in these searches is great, because the subject headings in OPACS rarely reach the level of specificity needed to eliminate false matches

and assure retrieval only of truly relevant items, even with Boolean or keyword searching. The "alternative" pathfinder, which takes the narrow-scope approach, accommodates these needs, especially for "minor titles": those printed within quotation marks such as for individual short stories, non-epic poems, plays, songs, paintings, pieces of sculpture, etc.<sup>6</sup> These minor titles are often the focus of college class assignments, yet when students go to the OPAC, generally their first stop on entering the library, in most cases they will retrieve few or no entries regardless of their search strategy. Further, the hits they do get may not reflect accurately the library's holdings for their subject. Even with current cataloging practice the assigned subject headings rarely reach the desired level of indexing; and while a keyword search will retrieve the item if a key term appears anywhere in the MARC record, not all items are adequately described.

### *PREPARATION CONSIDERATIONS*

Some things are lost when print pathfinders are transferred to on-line public access catalogs. As a rule, OPACS cannot reproduce graphics or provide multiple type-fonts. More significantly, because part of each screen is devoted to command options, the on-line format may not be as compact as its print counterpart. And, while the intellectual content of a pathfinder is the domain of the reference librarian, the expertise of the technical services staff is usually required for entering the pathfinder into the integrated system. This requires coordination between divergent perspectives. For instance, the reference librarian may be disturbed by the

limitations of the MARC record (e.g. lack of graphic displays) while the technical librarian is absorbed by the beauty of access points. But given the advantages of on-line pathfinders, these are minor drawbacks.

A pathfinder entered into an on-line system itself becomes a pseudobibliographic record retrievable by the commands available in the system. Access can be customized by the pathfinder's author. A librarian can prepare a pathfinder for a single work or an aspect of a work; for example, Flannery O'Connor's "Greenleaf" or the bull figure in that story. And while a pathfinder for Hawthorne's *The Scarlet Letter* would hardly be necessary, a guide on the symbolism of the rose in that novel might be. Even though the structure of the MARC bibliographic record imposes limitations on the format of the pathfinder, the content can be as varied, or as broad or narrow, as a librarian wishes. On-line pathfinders can also be prepared as recreational reading lists for particular genres, hardboiled detective fiction for example, or even for college fight songs. Further, after their initial preparation, they can be updated much more easily than their print counterparts. "Computer generation of these products is more efficient, and it provides us with the flexibility to create new and different products and services (like pathfinders) without duplicating records already in the online files" (Cochrane Mar 1984, 145).

While technology has made it easier to create and revise pathfinders, personal examination and selection of items to be included in the document, rather than simply culling citations from

automated sources, is still necessary. Rogers states: "Actual examination of many possible items and selection of only those which meet the purpose of the pathfinder is an essential part of the process" (Rogers 1985, 55).

Collecting materials for inclusion in the alternative, narrow-scope pathfinder is very time-consuming and labor-intensive. Due to the rigorous demands of relevance and scope matching, the librarian is often forced to search library materials for a level of specificity beyond that provided by bibliographies, indexes, and other reference tools. But there is compensation for this extra work because the pathfinder created provides a unique information record not otherwise available in the system and, once created, may not need to be updated as frequently as a standard model pathfinder.

Because preparation of alternative pathfinders requires hand selection of items, their creation probably should be based on the "squeaky-wheel" approach: pathfinders should be made only for those subjects that are the focus of frequent searches and for which the librarian knows the reference collection will offer little assistance. Reference librarians are in the best position to assess these needs, but approaches will vary from librarian to librarian.

Librarians with sparse reference collections may need to create pathfinders of slightly wider scope, for example focusing on a work rather than an aspect of a work. Others may choose to link citations that are so scattered among reference tools that

searchers would not otherwise locate them all. Librarians with strong reference collections may create very detailed pathfinders, thus attaining a level of specificity beyond that of many reference tools. As stated previously, this approach creates a document that does not duplicate information in the catalog and provides a means to locate items which otherwise might be found only by serendipity.

### *PATHFINDERS IN NOTIS*

Each integrated system may require different implementation procedures; however, the MARC format has common fields that can be applied universally. Jarvis described how to create pathfinders in the GEAC system. This article will illustrate the application of the MARC "pseudobibliographic record" in the NOTIS system.

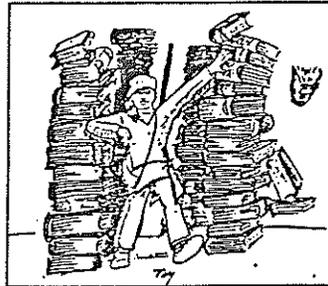
As with the GEAC system, pathfinder text is input into the NOTIS system using the notes (500's) fields available in the monograph bibliographic record format. These fields can also be used to devise graphics such as line breaks and headings. Access points can be assigned using author, title, and subject headings fields. The reference librarian compiling the pathfinder is given the author entry. All pathfinders are assigned a series note (440 Pathfinders (Houston Cole Library)) and a local subject entry (650: 4:Pathfinders). Variations of the title and analytics are placed in the 246 and 740 fields.

The NOTIS system provides two types of OPAC display screens. The brief display screen accommodates bibliographic and status information. The user must be prompted to enter "LO" to browse the longer display. Jarvis encountered this problem in the GEAC

system. To prompt the user to display the long view, we have followed his suggestion and put a note in the 260 field, which appears on the brief display screen and instructs the user to enter "LO." NOTIS location tables and copy level notes can be modified to provide additional information for the user to differentiate this record from other bibliographic entries. The Houston Cole Library set the parameters for this location using the location "PATH." The descriptive note that appears on the OPAC brief display states, "HELP RECORD ONLY." Beneath this message is a copy level note "This is a guide to materials on this subject." Without a defined call number the message "No call number available" would stretch across the screen. To reduce screen clutter, a call number, "Guide," has been assigned.

Currently, the Houston Cole Library has more than thirty pathfinders in its NOTIS system. Authors determine style. For instance, the literature reference specialist creates narrowly focused pathfinders that lead patrons to relevant bibliographic sources with regard to a specific genre, author, or work. Contrastly, the library's pathfinder on baseball is broader in scope and serves as a guide to more general references. Following are print and electronic examples of two pathfinders in the Houston Cole Library OPAC. The first is an example of the alternative style pathfinder: *Flannery O'Connor's "Greenleaf," the Bull* (Nuttall 1994). The second is an example of the standard style pathfinder: *Baseball* (Humphrey 1993). Please note that the first example is shown as seen on all NOTIS display screens in the technical and the

public access modes. The second example shows only the long screen display from the public access mode.



## A PATHFINDER FOR

FLANNERY O'CONNOR'S

"GREENLEAF":

THE BULL

### BIBLIOGRAPHY

Golden, Robert E. and Mary C. Sullivan. *Flannery O'Connor and Caroline Gordon: A Reference Guide*. Boston: G. K. Hall, 1977. (PS3565.C572685)

### ABSTRACTS, OVERVIEWS, SUMMARIES

Shackelford, D. Dean. "Flannery O'Connor." In *Critical Survey of Short Fiction*, vol. 5. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1993. (REF PN3321.C7)

Snipes, Katherine. "Greenleaf." In *Masterplots II: Short Story Series*, vol. 3. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1986. (REF PN3326.M27 1986)

### ARTICLES

Asals, Frederick. "The Mythic Dimensions of Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 5 (Summer 1968): 317-50. (PER PN3311.S8)

Evans, Elizabeth. "Three Notes on Flannery O'Connor." *Notes on Contemporary Literature* 3 (1973): 11-15. (PER PN6010.J.N5)

Feely, Sister M. Kathleen. "Thematic Imagery in the Fiction of Flannery O'Connor." *Southern Humanities Review* 3 (Winter 1968): 14-32. (PER AP2.S822)

Rout, Kathleen. "Dream a Little Dream of Me: Mrs. May and the Bull in Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 16 (Summer 1979): 233-35. (PER PN3311.S8)

### BOOKS

Desmond, John F. *Risen Sons: Flannery O'Connor's Vision of History*. Athens, Ga.: The University of Georgia Press, 1987. (PS3565.C572643 1987)

Getz, Lorine M. *Nature and Grace in Flannery O'Connor's Fiction*. New York: The Edwin Mellen Press, 1982. (PS3565.C572678)

May, John R. *The Pruning Word*. Notre Dame, Indiana: University of Notre Dame Press, 1976. (PS3565.C57278 1988)

McFarland, Dorothy Tuck. *Flannery O'Connor*. New York: Ungar, 1976. (PS3565.C57275)

Paulson, Suzanne Morrow. *Flannery O'Connor: A Study of the Short Fiction*. Boston: Twayne, 1988. (PS3565.C57283 1988)

### USEFUL SUBJECT HEADINGS

O'Connor, Flannery.  
O'Connor, Flannery - Criticism and interpretation.  
"Greenleaf".  
Mythology in literature.  
Religion in literature.  
Symbols in literature

Fig. 1. Example in print format of an alternative model pathfinder for Flannery O'connor's "Greenleaf"

LTHC MORE

ADH2867

NOTIS CATALOGING

L26A

HC FMT B RT a BL m T/C DT 01/14/94 R/DT 01/25/96 STAT cc E/L 7 DCF ? D/S D  
 SRC d PLACE ??? LANG eng MOD ? T/AUD ? REPRO ? D/CODE ? DT/1 1994 DT/2 ???  
 CONT ????? ILLUS ????? GOVT ? BIOG ? FEST ? CONF ? FICT ? INDX ?

090/1: : a Guide  
 100/1 : a Nuttall, Harry D.  
 245/10: a FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER (Houston Cole Library)  
 246/1:33: a Pathfinder Flannery O'Connor's "Greenleaf": The bull  
 246/2:33: a Pathfinder for Flannery O'Connor's "Greenleaf": The bull  
 246/3:30: a Greenleaf  
 260: : a Type "LO" and press <ENTER> to view this complete guide.  
 440/1: 0: a Pathfinders (Houston Cole Library)  
 500/1: : a \*\*\*\*\*  
 500/2: : a BIBLIOGRAPHY  
 500/3: : a Golden, Robert E. and Mary C. Sullivan. FLANNERY O'CONNOR AND  
 CAROLINE GORDON: A REFERENCE GUIDE. Boston: G. K. Hall, 1977. (PS3565.C57Z685)  
 500/4: : a \*\*\*\*\*  
 500/5: : a ABSTRACTS, OVERVIEWS, SUMMARIES

LTHC MORE

ADH2867

NOTIS CATALOGING

L26A

500/6: : a Shackelford, D. Dean "Flannery O'Connor." In CRITICAL SURVEY OF  
 SHORT FICTION, vol. 5. Frank N. Magill, ed. Englewood Cliffs: Salem Press,  
 1993. (REF PN3321.C7)  
 500/7: : a Snipes, Katherine. "Greenleaf." In MASTERPLOTS II: SHORT STORY  
 SERIES, vol. 3. Frank N. Magill, ed. Englewood C;offs: Salem Press, 1986.  
 (REF PN3326.M27 1986)  
 500/8: : a \*\*\*\*\*  
 500/9: : a ARTICLES  
 500/10: : a Asals, Frederick. "The Mythic Dimensions of Flannery O'Connor's  
 'Greenleaf.'" STUDIES IN SHORT FICTION 5 (Summer 1968) : 317-30. (PER  
 PN3311.S8)  
 500/11: : a Evans, Elizabeth. "Three Notes on Flannery O'Connor." NOTES ON  
 CONTEMPORARY LITERATURE 3 (1973): 11-15 (PER PN6010.5.N5)  
 500/12: : a Feely, Sister M. Kathleen. "Thematic Imagery in the Fiction of Flannery  
 O'Connor." SOUTHERN HUMANITIES REVIEW 3 (Winter 1968): 14-32. (PER AP2.S822)  
 500/13: : a Rout, Kathleen. "Dream a Little Dream of Me: Mrs. May and the  
 Bull in Flannery O'Connor's 'Greenleaf'." STUDIES IN SHORT FICTION 16 (Summer 1979):  
 233-35. (PER PN3311.S8)

Fig. 2. NOTIS bibliographic record as seen in the technical services mode

help

LTHC MORE

ADH2867

NOTIS CATALOGING

L26A

500/14: : a \*\*\*\*\*  
 500/15: : a BOOKS  
 500/16: : a Desmond, John F. RISEN SONS: FLANNERY O'CONNOR'S VISION OF HISTORY. Athens, Ga.: The Univeristy of Georgia Press, 1987. (PS3565.C57Z643 1987)  
 500/17: : a Getz, Lorine M. NATURE AND GRACE IN FLANNERY O'CONNOR'S FICTION. New York: The Edwin Mellin Press, 1982. (PS3565.C57Z678)  
 500/18: : a May, John R. THE PRUNING WORD. Notre Dame, Indiana: University of Notre Dame Press, 1976. (PS3565.C57Z78 1988)  
 500/19: : a McFarland, Dorothy Tuck. FLANNERY O'CONNOR. New York: Ungar, 1976. (PS3565.C57Z75)  
 500/20: : a Paulson, Suzanne Morrow. FLANNERY O'CONNOR: A STUDY OF THE SHORT FICTION. Boston: Twayne, 1988. (PS3565.C57Z83 1988)  
 500/21: : a \*\*\*\*\*  
 500/22: : a USEFUL SUBJECT HEADINGS  
 500/23: : a O'Connor, Flannery.  
 500/24: : a O'Connor, Flannery -- Criticism and interpretation.  
 500/25: : a Mythology in literature.  
 500/26: : a Religion in literature.

LTHC DONE

ADH2867

NOTIS CATALOGING

L26A

500/27: : a Symbols in literature.  
 500/28: : a \*\*\*\*\*  
 500/29: : a NOTE: Pathfinders are brief, selected bibliographies for literary topics. They are designed to provide researchers with a quick start -up bibliography and are intended to be used with -- not instead of -- the standard reference tools in the subject discipline.  
 500/30: : a October 1990; rev. January 1994 (HDN)  
 600/1:10: a O'Connor, Flannery.  
 600/2:10: a O'Connor, Flannery x Criticism and interpretation.  
 600/3:10: a O'Connor, Flannery. t Short stories.  
 630/4:00: a Greenleaf.  
 650/5: 0: a Mythology in literature.  
 650/6: 0: a Symbols in literature.  
 650/7: 0: a Religion in literature.  
 650/8: 4: a PATHFINDERS.

Fig. 2 Continued.

LTHC DONE

ADH2867

NOTIS COPY HOLDINGS

L26A

HC BOOK

Nuttall, Harry D.

FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER (Houston Cole Library)

-- Type "LO" and press &lt;ENTER&gt; to view this complete guide.

(Pathfinders (Houston Cole Library))

STATUS h DT 01/14/94 AD none

NOTES

001 1U CN a path b Guide

d 01/14/94

NOTES a LO

002 OA CN

d 01/31/96

NOTES

003 OA CN

d 01/31/96

NOTES

004 OA CN

d 01/31/96

NOTES

005 OA CN

d 01/31/96

NOTES

006 OA CN

d 01/31/96

NOTES

007 OA CN

d 01/31/96

NOTES

*Fig. 3. NOTIS copy holdings record showing locally defined parameters as set up in the NOTIS tables*

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Brief View

-----  
 Author: Nuttall, Harry D.  
 Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER (Houston  
 Cole Library)  
 Published: Type "LO' and press <ENTER> to view this complete guide.  
 Subjects: O'Connor, Flannery.  
 O'Connor, Flannery--Criticism and interpretation.  
 O'Connor, Flannery. Short stories.  
 Greenleaf.  
 Mythology in literature.  
 Symbols in literature.  
 Religion in literature.  
 PATHFINDERS.

----- + Page 1 of 2 -----  
 STArt over LONG view <F8> FORward page  
 HELp INDEx <F6> NEXt record  
 OTHer options <F5> PREvious record  
 NEXT COMMAND:

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Brief View

-----  
 Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...  
 -----

LOCATION:	CALL NUMBER	STATUS
HELP RECORD ONLY	Guide	Circ. info not available
This is a guide to materials on this subject		

----- + Page 2 of 2 -----  
 STArt over LONG view <F8> FORward page  
 HELp INDEx <F7> BACK page  
 OTHer options <F6> NEXt record  
 <F5> PREvious record  
 NEXT COMMAND:

*Fig. 4. NOTIS OPAC brief screen display for an alternative model pathfinder*

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

-----  
 Author: Nuttall, Harry D.  
 Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER (Houston  
 Cole Library)  
 Published: Type "LO" and press <ENTER> to view this complete guide.  
 Subjects: O'Connor, Flannery.  
 O'Connor, Flannery--Criticism and interpretation.  
 O'Connor, Flannery. Short stories.  
 Greenleaf.  
 Mythology in literature.  
 Symbols in literature.  
 Religion in literature.  
 PATHFINDERS.

----- + Page 1 of 6 -----  
 STArT over LONG view <F8> FORward page  
 HELP INdEX <F6> NEXt record  
 OTHER options <F5> PREvious record  
 NEXT COMMAND:

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

-----  
 Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...  
 Other titles: Pathfinder Flannery O'Connor's "Greenleaf": The bull  
 Pathfinder for Flannery O'Connor's "Greenleaf": The bull  
 Greenleaf  
 Notes: \*\*\*\*\*  
 BIBLIOGRAPHY  
 Golden, Robert E. and Mary C. Sullivan. FLANNERY O'CONNOR AND  
 CAROLINE GORDON: A REFERENCE GUIDE. Boston: G. K. Hall,  
 1977. (PS3565.C57Z685)  
 \*\*\*\*\*  
 ABSTRACTS, OVERVIEWS, SUMMARIES  
 Shackelford, D. Dean "Flannery O'Connor." In CRITICAL SURVEY  
 OF SHORT FICTION, vol. 5. Frank N. Magill, ed. Englewood

----- + Page 2 of 6 -----  
 STArT over LONG view <F8> FORward page  
 HELP INdEX <F7> BACK page  
 OTHER options <F6> NEXt record  
 <F5> PREvious record

NEXT COMMAND:

*Fig.5. NOTIS OPAC long screen display for an alternative model pathfinder*

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...

Notes: Cliffs: Salem Press, 1993. (REF PN3321.C7)  
 Snipes, Katherine. "Greenleaf." In MASTERPLOTS II: SHORT STORY  
 SERIES, vol. 3. Frank N. Magill, ed. Englewood C;offs: Salem  
 Press, 1986. (REF PN3326.M27 1986)

\*\*\*\*\*

ARTICLES

Asals, Frederick. "The Mythic Dimensions of Flannery  
 O'Connor's 'Greenleaf.'" STUDIES IN SHORT FICTION 5 (Summer  
 1968): 317-30. (PER PN3311.S8)  
 Evans, Elizabeth. "Three Notes on Flannery O'Connor." NOTES ON  
 CONTEMPORARY LITERATURE 3 (1973): 11-15 (PER PN6010.5.N5)  
 Feely, Sister M. Kathleen. "Thematic Imagery in the Fiction of  
 Flannery O'Connor." SOUTHERN HUMANITIES REVIEW 3 (Winter

+ Page 3 of 6

STArT over	LONG view	<F8> FORWARD page
HELp	INDEX	<F7> BACK page
OTHer options		<F6> NEXT record
		<F5> Previous record

NEXT COMMAND:

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...

Notes: 1968): 14-32. (PER AP2.S822)  
 Rout, Kathleen. "Dream a Little Dream of Me: Mrs. May and the  
 Bull in Flannery O'Connor's 'Greenleaf'." STUDIES IN SHORT  
 FICTION 16 (Summer 1979): 233-35. (PER PN3311.S8)

\*\*\*\*\*

BOOKS

Desmond, John F. RISEN SONS: FLANNERY O'CONNOR'S VISION OF  
 HISTORY. Athens, Ga.: The Univeristy of Georgia Press,  
 1987. (PS3565.C57Z643 1987)  
 Getz, Lorine M. NATURE AND GRACE IN FLANNERY O'CONNOR'S  
 FICTION. New York: The Edwin Mellin Press, 1982.  
 (PS3565.C57Z678)  
 May, John R. THE PRUNING WORD. Notre Dame, Indiana: University

+ Page 4 of 6

STArT over	LONG view	<F8> FORWARD page
HELp	INDEX	<F7> BACK page
OTHer options		<F6> NEXT record
		<F5> Previous record

NEXT COMMAND:

Fig.5. Continued

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...

Notes: of Notre Dame Press, 1976. (PS4565.C57Z83 1988)  
 McFarland, Dorothy Tuck. FLANNERY O'CONNOR. New York: Ungar,  
 1976. (PS3565.C57Z75)  
 Paulson, Suzanne Morrow. FLANNERY O'CONNOR: A STUDY OF THE  
 SHORT FICTION. Boston: Twayne, 1988. (PS3565.C57Z83 1988)  
 \*\*\*\*\*  
 USEFUL SUBJECT HEADINGS  
 O'Connor, Flannery.  
 O'Connor, Flannery -- Criticism and interpretation.  
 Mythology in literature.  
 Religion in literature.  
 Symbols in literature.  
 \*\*\*\*\*

----- + Page 5 of 6 -----

STArt over	LONG view	<F8> FORward page
HELp	INDEx	<F7> BACK page
OTHer options		<F6> NEXt record
		<F5> Previous record

NEXT COMMAND:

Search Request: A=Nuttall Harr Jacksonville State Univ.  
 BOOK - Record 7 of 14 Entries Found Long View

Title: FLANNERY O'CONNOR'S "GREENLEAF": THE BULL PATHFINDER ...

Notes: NOTE: Pathfinders are brief, selected bibliographies for  
 literary topics. They are designed to provide researchers  
 with a quick start-up bibliography and are intended to be  
 used with -- not instead of -- the standard reference tools  
 in the subject discipline.  
 October 1990; rev. January 1994 (HDN)

Series: Pathfinders (Houston Cole Library)

----- + Page 6 of 6 -----

STArt over	LONG view	<F8> FORward page
HELp	INDEx	<F7> BACK page
OTHer options		<F6> NEXt record
		<F5> Previous record

NEXT COMMAND:

*Fig.5. Continued*

## A PATHFINDER FOR BASEBALL

The purpose of this pathfinder is to introduce some of the resources available in Houston Cole Library on BASEBALL. Various types of library materials useful in research are described along with some examples of each type. This pathfinder is NOT a comprehensive listing of sources, but is intended to be a starting point from which patrons can begin their research according to their specific needs.

**BASIC INTRODUCTION OR OVERVIEW MATERIAL** can be found in (REF GV863.A1J36) *The Bill James Historical Baseball Abstracts*, (REF GV863.O43) *Nelson's 20th Century Encyclopedia of Baseball*, (REF GV877.B27) *The Baseball Encyclopedia*.

**SUBJECT HEADINGS** can be identified by using the *Library of Congress Subject Headings* located at the Information Desk on each floor of the Library.

**BOOKS** on BASEBALL can be located in the Online Public Access Catalog (LUIS) by entering S=(type in your subject heading here). Suggested subject headings for this topic are: Baseball, Base Running (Baseball), Indoor Baseball, Batting (Baseball), Catchers (Baseball), Catching (Baseball), Fielding (Baseball), Pitchers (Baseball), Pitching (Baseball), World Series (Baseball). Related headings include: Ball Games, College Sports, Sports.

**BROWSE** Library of Congress call numbers : GV862-GV881 on the 5th floor. Dewey Decimal call numbers : 613's and 790's

### REFERENCE TOOLS:

**BIBLIOGRAPHIES** -- list of books, periodical articles, and/or other materials by subject or author.

(REF GV867.G76x ) *Guide to Baseball Literature*.

(REF GV875 .L6S55x) *The Dodgers Bibliography*.

**ALMANACS OR STATISTICAL SOURCES** -- provide miscellaneous bits of facts and data.

(REF GV567.M46) *The Encyclopedia of Sports*.

(REF GV875.A1T47) *All-time Rosters of Major League Baseball Clubs*.

*Fig. 6. Example in print format of a standard model pathfinder for baseball*

HANDBOOKS AND MANUALS --cover broad subjects in a brief, concise manner and may include odd bits of information about a variety of topics (They may also be referred to as a compendium)

(GV867.K6) *All about Baseball.*

(GV867.3.T65x) *The Baseball Research Handbook*

(GV867.W35) *The Fine Art of Baseball*

GOVERNMENT PUBLICATIONS -- are primarily annual reports, studies, and statistics from the various departments and agencies of the government. They are cataloged and shelved like other books and microforms. (There is no separate collection of government publications in this library.

INDEXES AND/OR ABSTRACTS -- used to locate JOURNAL ARTICLES and other papers on BASEBALL.

*Education Index* (5th Floor Index Table)

*Current Index to Journals in Education* (5th Floor Index Table)

*ERIC* (CD-ROM Index on 5th floor)

*INFOTRAC* (CD-ROM Index located on 2nd and 4th floors -- contains *MAGAZINE INDEX*, *BUSINESS INDEX*, and *NATIONAL NEWSPAPER INDEX*.

*READER'S GUIDE TO PERIODICAL LITERATURE* (2nd Floor Index Table)

#### JOURNALS:

JOURNALS held by the library can be identified by consulting the Online Catalog (LUIS) by searching under the journal name (T=type in name of journal here). To determine which volumes the library owns type in HO and press enter. Some suggested journals are:

(Periodicals GV706.4.J68) *Journal of Sport Psychology*

(Periodicals GV201.R4) *Research Quarterly for Exercise and Sport*

(Periodicals GV561.S733) *Sports Illustrated.*

(Periodicals GV561.S37) *Scholastic Coach*

Articles are located using indexes. You may also want to scan recent issues that may not as yet be indexed.

ONLINE DATABASE SEARCHING and INTERLIBRARY LOAN services are available to graduate students and faculty. Please ask a librarian about these services.

Search Request: K=PATHFINDER AND BASEBALL JSU Library Catalog  
 Book - Record 1 of 1 Entry Found Long View

-----  
 Author: Humphrey, Thomas.  
 Title: BASEBALL PATHFINDER (Houston Cole Library)  
 Published: Type "LO" and press <ENTER> to view this complete guide.  
 Subjects: Baseball.  
 PATHFINDERS.  
 Other titles: Pathfinder Baseball.  
 Notes: The purpose of this pathfinder is to introduce some of the  
 resources available in Houston Cole Library on BASEBALL.  
 The various types of library materials useful in research  
 are described along with some examples of each type. This

----- + Page 1 of 9 -----  
 STArT over BRIef view <F8> FORward page  
 HELp INDEx <F6> NEXt record  
 OTHer options MARK

NEXT COMMAND:

Search Request K=PATHFINDER AND BASEBALL  
 BOOK - Record 1 of 1 Entry Found Long View

-----  
 Title: BASEBALL PATHFINDER (Houston Cole Library)  
 Notes: pathfinder is NOT a comprehensive listing of sources, but is  
 intended to be a starting point from which patrons can begin  
 their research according to their specific needs.  
 \*\*\*\*\*  
 BASIC INTRODUCTION OR OVERVIEW MATERIAL can be found in  
 REF GV863.A1J36 : The Bill James Historical Baseball  
 Abstracts.  
 REF GV863.O43 : Nelson's 20th Century Encyclopedia of  
 Baseball  
 REF GV877.B27 The Baseball Encyclopedia.  
 \*\*\*\*\*  
 SUBJECT HEADINGS can be identified by using the Library of  
 Congress Subject Headings located at the Information Desk on

----- + Page 2 of 9 -----  
 STArT over BRIef view <F8> FORward page  
 HELp INDEx <F7> BACK page  
 OTHer options MARK <F6> NEXt record

NEXT COMMAND:

*Fig. 7. NOTIS OPAC long screen display of a standard model pathfinder*

Search Request: K=PATHFINDER AND BASEBALL  
BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
Long View

Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: each floor.  
Books on BASEBALL can be located in the Online Public Access Catalog (LUIS) by entering S=(type in your subject heading here). Suggested subject headings for this topic are  
Baseball  
Base Running (Baseball)  
Indoor Baseball  
Batting (Baseball)  
Catchers (Baseball)  
Catching (Baseball)  
Fielding (Baseball)  
Pitchers (Baseball)  
Pitching (Baseball)

+ Page 3 of 9

STArT over BRIef view <F8> FORward page  
HELp INDeX <F7> BAcK page  
OTHer options MARk <F6> NEXt record

NEXT COMMAND:

Search Request: K=PATHFINDER AND BASEBALL  
BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
Long View

Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: World Series (Baseball)  
Related headings include  
Ball Games  
College Sports  
Sports  
\*\*\*\*\*  
To browse the bookstacks use  
Library of Congress call numbers : GV862-GV881 on the 5th floor.  
Dewey Decimal call numbers : 613's and 790's  
\*\*\*\*\*

-----REFERENCE TOOLS -----

BIBLIOGRAPHIES -- list of books, periodical articles, and/or

+ Page 4 of 9

STArT over BRIef view <F8> FORward page  
HELp INDeX <F7> BAcK page  
OTHer options MARk <F6> NEXt record

NEXT COMMAND:

Fig. 7. Continued.

Search Request: K=PATHFINDER AND BASEBALL  
 BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
 Long View

-----  
 Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: other materials by subject or author.  
 REF GV867.G76x : Guide to Baseball Literature.  
 REF GV875 .L6S55x : The Dodgers Bibliography.  
 ALMANACS OR STATISTICAL SOURCES -- provide miscellaneous bits  
 of facts and data.  
 REF GV567.M46 : The Encyclopedia of sports.  
 REF GV875.AL47 : All-time rosters of major league baseball  
 clubs.  
 HANDBOOKS AND MANUALS --cover broad subjects in a brief,  
 concise manner and may include odd bits of information about  
 a variety of topics (They may also be referred to as a  
 compendium)  
 GV867.K6 : All about baseball.

----- + Page 5 of 9 -----

STArT over	BRIef view	<F8>	FORward page
HELp	INDex	<F7>	BACK page
OTHer options	MARK	<F6>	NEXt record

NEXT COMMAND:

Search Request: K=PATHFINDER AND BASEBALL  
 BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
 Long View

-----  
 Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: GV867.3.T65x : The Baseball Research Handbook  
 GV867.W35 : The Fine Art of Baseball  
 GOVERNMENT PUBLICATIONS -- are primarily annual reports,  
 studies, and statistics from the various departments and  
 agencies of the government. They are cataloged and shelved  
 like other books and microforms. (There is no separate  
 collection of government publications in this library.  
 \*\*\*\*\*  
 ----JOURNALS----  
 JOURNALS held by the library can be identified by consulting  
 the Online Catalog (LUIS) by searching under the journal  
 name (T=type in name of journal here). To determine which  
 volumes the library owns type in HO and press enter.

----- + Page 6 of 9 -----

STArT over	BRIef view	<F8>	FORward page
HELp	INDex	<F7>	BACK page
OTHer options	MARK	<F6>	NEXt record

NEXT COMMAND:

Fig. 7. Continued.

Search Request: K=PATHFINDER AND BASEBALL  
BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
Long View

Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: Use these INDEXES or ABSTRACTS to locate JOURNAL ARTICLES and other papers on BASEBALL  
Education Index (5th Floor Index Table)  
Current Index to Journals in Education (5th Floor Index Table)  
ERIC (CD-ROM Index on 5th floor)  
Related indexes are  
INFOTRAC (CD-ROM Index located on 2nd and 4th floors -- contains MAGAZINE INDEX, BUSINESS INDEX, and NATIONAL NEWSPAPER INDEX.  
READER'S GUIDE TO PERIODICAL LITERATURE (2nd Floor Index Table)  
A few Journals which would report on this topic are

+ Page 7 of 9

STArT over BRIef view <F8> FORward page  
HELp INDeX <F7> BACk page  
OTHer options MARk <F6> NEXt record

NEXT COMMAND:

Search Request: K=PATHFINDER AND BASEBALL  
BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
Long View

Title: BASEBALL PATHFINDER (Houston Cole Library)

Notes: Periodicals GV706.4.J68 : Journal of Sport Psychology  
Periodicals GV201.R4 : Research Quarterly for Exercise and Sport  
Periodicals GV561.S733 : Sports Illustrated.  
Periodicals GV561.S37 : Scholastic Coach  
Also, scan article in recent issues that may not as yet be indexed.  
\*\*\*\*\*  
ONLINE DATABASE SEARCHING and INTERLIBRARY LOAN services are available to graduate students and faculty. Please ask a librarian about these services.

Series: Pathfinders (Houston Cole Library)

+ Page 8 of 9

STArT over BRIef view <F8> FORward page  
HELp INDeX <F7> BACk page  
OTHer options MARk <F6> NEXt record

NEXT COMMAND:

Fig. 7. Continued.

Search Request: K=PATHFINDER AND BASEBALL  
 BOOK - Record 1 of 1 Entry Found

JSU Library Catalog  
 Long View

-----  
 Title:            BASEBALL PATHFINDER (Houston Cole Library)  
 -----

LOCATION:	CALL NUMBER	STATUS:
HELP RECORD ONLY	Guide	Circ. info not available
This is a guide to materials on this subject		

----- + Page 9 of 9 -----

STArt over	BRIef view	<F7> BACK page
HELp	INDex	<F6> NEXt record
OTHer options	MARK	

NEXT COMMAND:

*Fig. 7. Continued.*

### *PATHFINDERS IN ON-LINE CATALOGS: THE FUTURE*

Whether in print or on-line format pathfinders are compiled for specific purposes to address particular needs within a library. The print format aids the library's primary clientele, those people who physically go to that library in order to use its resources. The on-line pathfinders have the same purpose and primary clientele, but also serve secondary clienteles: those who do not travel physically to the library but access the library's catalog off-site.

As academic libraries form networks and consortia, on-line pathfinders will serve even more extended clienteles. Students and other users can access not only their own library's catalog but also those of other libraries. Thus, the benefits of OPAC pathfinders extend beyond a library's primary clientele. As the "virtual library" becomes more of a reality and libraries move beyond their own walls through electronic links with other systems, patrons in one location can benefit from data input by many libraries. In this way, on-line pathfinders enable secondary clienteles to locate materials for interlibrary loan and thereby can assist in distance education efforts.

Within consortia, it may even be possible to cooperatively assign pathfinders for specific disciplines to particular libraries, an approach first suggested by Stevens more than two decades ago (Stevens 1973, 145). For example, a library with an especially strong architecture collection could be given the responsibility for the preparation of pathfinders on this subject.

If the level of cooperation is high, library consortia might wish to designate one member as a "Pathfinder Clearinghouse."

Some library professionals may think that OPAC pathfinders are an outdated concept made obsolete by Internet access. Cyberspace can be a potent research tool, but at present many college students have limited net access and the information that might assist them with class research projects can be difficult to locate. Internet access does not diminish the primary benefit of OPAC pathfinders, greater access. There is still an immense need for enhanced subject access in on-line catalogs; including pathfinders in OPACS is one way to meet this need.

QUICK BIB

- Cochrane, Pauline Atherton. "Modern Subject Access in the Online Age." *American Libraries* 15 (February 1984): 80-83; (March 1984): 145-50; (April 1984): 250-55; (May 1984): 336-339; (June 1984): 438-43; (July/August 1984): 527-29.
- Jarvis, William E. "Integrating Subject Pathfinders into Online Catalogs." *Database* 8 (February 1985): 65-67
- Jarvis, William E. and Victoria E. Dow. "Integrating Subject Pathfinders into a GEAC ILS: A MARC-formatted Record Approach." *Information Technology and Libraries* 5 (September 1986): 213-27.

NOTES

1. *Science Tracer Bullets*, prepared by the reference section of the Science and Technology Division of the Library of Congress, are an exception. They are a variant of the standard model which in addition to the principal components of the model include extensive lists of monographic and serial titles.

2. Generally, this model takes a "broad subject" approach, often so broad as to fully justify the ALA Glossary's use of the term

"topical guides" for pathfinders. These are defined as "Bibliographic guides that arrange...the various types of library resources available for doing a literature search on particular topics."

3. This is basically the pathfinder which Stevens and his colleagues had in mind.

4. The A-W Library Pathfinders, which are one result of the Massachusetts Institute of Technology Model Library Project, have holes punched for installation into three-ring binders.

5. For a further discussion of Cochran's series on OPAC searching problems see appendix.

6. Although the narrow-scope pathfinder is equally useful for all disciplines in the arts and humanities, we will use the field of literature for our example.

#### REFERENCES

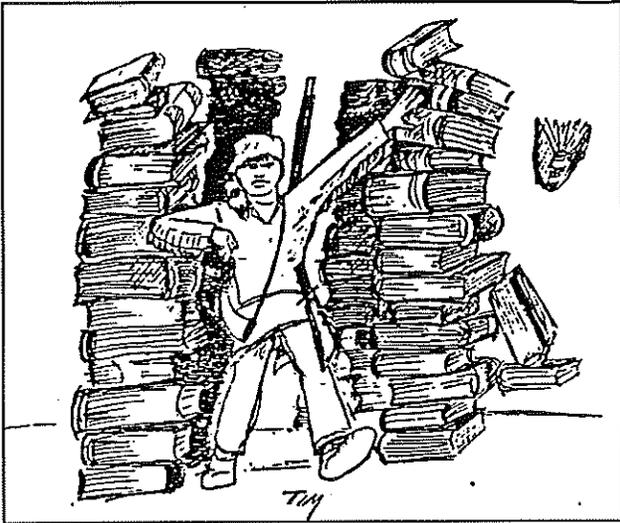
- Cochrane, Pauline Atherton. "Modern Subject Access in the Online Age." *American Libraries* 15 (February 1984): 80-83; (March 1984): 145-50; (April 1984): 250-55; (May 1984): 336-339; (June 1984): 438-43; (July/August 1984): 527-29.
- Humphrey, Thomas. *Baseball Pathfinder*. Online. Jacksonville State University, Houston Cole Library, Online Public Access Catalog. 1994.
- Jarvis, William E. "Integrating Subject Pathfinders into Online Catalogs." *Database* 8 (February 1985): 65-67.
- Jarvis, William E. and Victoria E. Dow. "Integrating Subject Pathfinders into a GEAC ILS: A MARC-formatted Record Approach." *Information Technology and Libraries* 5 (September 1986): 213-27.
- Kupon, Jim M. "Rethinking the Library Pathfinder." *College & Undergraduate Libraries*, 2 (1995): 93-105.
- Nuttall, Harry D. "Flannery O'Connor's 'Greenleaf': The Bull Pathfinder." Online. Jacksonville State University, Houston Cole Library, Online Public Access Catalog. 1994.
- Rogers, A. Robert. "A Comparison of Manual and Online Searches in the Preparation of Philosophy Pathfinders." *Journal of Education for Library and Information Science* 26 (Summer 1985): 54-55.
- Schmidt, Diane. "Information Resources in Animal Behavior." *Science and Technology Libraries* 12 (1991): 69-83.
- Stevens, Charles H., Marie P. Canfield, and Jeffrey J. Gardner. "Library Pathfinders: A New Possibility for Cooperative Reference Service." *College and Research Libraries* 34 (January 1973) 40-46.

## APPENDIX

Cochrane's six-part series in *American Libraries* discusses both the potential for subject searching in on-line systems and details shortcomings and useful improvements for such systems as they existed in 1984. While many of these shortcomings have been addressed by assigning additional subject headings to bibliographic records and by advances in keyword searching using Boolean and other operators, some remain. Cochrane's "mini-course" overlooks pathfinders, which is unfortunate because pathfinders on-line could solve many of the problems still present with subject headings control in on-line systems.

Among the statements made by experts invited to comment in Cochrane's series of articles are the following: "One point I would like to make is that current subject indexing seems too shallow" (Cochrane May 1984, 337). "Subject retrieval failures using LCSH are caused by: 1) a lack of...specificity in subject headings [and] the sparsity of subject headings assigned to catalog records..." (Cochrane May 1984, 336). Although this last criticism is directed against the *Library of Congress Subject Headings* it is equally applicable to OPACs. Add to these comments Cochrane's own observations that "displays do not always include the information needed to assess the relevance of the item(s) received. A title may be ambiguous, with no other information provided to relate to a subject," with the consequence that users "find no easy way to reduce false matches" (Cochrane Mar 1984, 148). Pathfinders on-line can provide solutions to all these criticisms.

At the heart of the problem is what systems analysts refer to as "levels of specificity," or "depth of indexing": the number of subject headings assigned to a document or record. These subject headings become access points in an OPAC; even after the changes of the last decade, including the use of additional subject headings and advances in keyword searching, some documents still have too few subject headings. This results in the relevance and false matching problems cited by Cochrane. Pathfinders on-line can ameliorate these difficulties for library searchers. "While the need for some narrower scope subject pathfinders on-line may be somewhat lessened by the precoordinated subject heading, keyword, and Boolean access provided by an ILS, extensive cross-references for the broader-scope, more complex, interdisciplinary or fuzzy topics can still be provided by subject pathfinders on-line" (Jarvis and Dow 1986, 213-14).



# A PATHFINDER FOR

FLANNERY O'CONNOR'S

"GREENLEAF":

THE BULL

## BIBLIOGRAPHY

Golden, Robert E. and Mary C. Sullivan. *Flannery O'Connor and Caroline Gordon: A Reference Guide*. Boston: G. K. Hall, 1977. (PS3565.C57Z685)

## ABSTRACTS, OVERVIEWS, SUMMARIES

Shackelford, D. Dean "Flannery O'Connor." In *Critical Survey of Short Fiction*, vol. 5. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1993. (REF PN3321.C7)

Snipes, Katherine. "Greenleaf." In *Masterplots II: Short Story Series*, vol. 3. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1986. (REF PN3326.M27 1986)

## ARTICLES

Asals, Frederick. "The Mythic Dimensions of Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 5 (Summer 1968): 317-30. (PER PN3311.S8)

Evans, Elizabeth. "Three Notes on Flannery O'Connor." *Notes on Contemporary Literature* 3 (1973): 11-15. (PER PN6010.5.N5)

Feely, Sister M. Kathleen. "Thematic Imagery in the Fiction of Flannery O'Connor." *Southern Humanities Review* 3 (Winter 1968): 14-32. (PER AP2.S822)

Rout, Kathleen. "Dream a Little Dream of Me: Mrs. May and the Bull in Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 16 (Summer 1979): 233-35. (PER PN3311.S8)

## BOOKS

Desmond, John F. *Risen Sons: Flannery O'Connor's Vision of History*. Athens, Ga.: The University of Georgia Press, 1987. (PS3565.C57Z643 1987)

Getz, Lorine M. *Nature and Grace in Flannery O'Connor's Fiction*. New York: The Edwin Mellin Press, 1982. (PS3565.C57Z678)

May, John R. *The Pruning Word*. Notre Dame, Indiana: University of Notre Dame Press, 1976. (PS3565.C57Z78 1988)

McFarland, Dorothy Tuck. *Flannery O'Connor*. New York: Ungar, 1976. (PS3565.C57Z75)

Paulson, Suzanne Morrow. *Flannery O'Connor: A Study of the Short Fiction*. Boston: Twayne, 1988. (PS3565.C57Z83 1988)

## USEFUL SUBJECT HEADINGS

O'Connor, Flannery.  
 O'Connor, Flannery -- Criticism and interpretation.  
 "Greenleaf".  
 Mythology in literature.  
 Religion in literature.  
 Symbols in literature.

\*\*\*\*\*

NOTE: Pathfinders are brief, selected bibliographies for literary topics. They are designed to provide researchers with a quick start-up bibliography and are intended to be used with -- not instead of -- the standard reference tools in the subject discipline.

October 1990, rev. January 1994 (HDN)



# A PATHFINDER FOR

FLANNERY O'CONNOR'S

"GREENLEAF":

THE BULL

## BIBLIOGRAPHY

Golden, Robert E. and Mary C. Sullivan. *Flannery O'Connor and Caroline Gordon: A Reference Guide*. Boston: G. K. Hall, 1977. (PS3565.C57Z685)

## ABSTRACTS, OVERVIEWS, SUMMARIES

Shackelford, D. Dean "Flannery O'Connor." In *Critical Survey of Short Fiction*, vol. 5. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1993. (REF PN3321.C7)

Snipes, Katherine. "Greenleaf." In *Masterplots II: Short Story Series*, vol. 3. Frank N. Magill, ed. Englewood Cliffs: Salem Press, 1986. (REF PN3326.M27 1986)

## ARTICLES

Asals, Frederick. "The Mythic Dimensions of Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 5 (Summer 1968): 317-30. (PER PN3311.S8)

Evans, Elizabeth. "Three Notes on Flannery O'Connor." *Notes on Contemporary Literature* 3 (1973): 11-15. (PER PN6010.5.N5)

Feely, Sister M. Kathleen. "Thematic Imagery in the Fiction of Flannery O'Connor." *Southern Humanities Review* 3 (Winter 1968): 14-32. (PER AP2.S822)

Rout, Kathleen. "Dream a Little Dream of Me: Mrs. May and the Bull in Flannery O'Connor's 'Greenleaf.'" *Studies in Short Fiction* 16 (Summer 1979): 233-35. (PER PN3311.S8)

## BOOKS

Desmond, John F. *Risen Sons: Flannery O'Connor's Vision of History*. Athens, Ga.: The University of Georgia Press, 1987. (PS3565.C57Z643 1987)

Getz, Lorine M. *Nature and Grace in Flannery O'Connor's Fiction*. New York: The Edwin Mellin Press, 1982. (PS3565.C57Z678)

May, John R. *The Pruning Word*. Notre Dame, Indiana: University of Notre Dame Press, 1976. (PS3565.C57Z78 1988)

McFarland, Dorothy Tuck. *Flannery O'Connor*. New York: Ungar, 1976. (PS3565.C57Z75)

Paulson, Suzanne Morrow. *Flannery O'Connor: A Study of the Short Fiction*. Boston: Twayne, 1988. (PS3565.C57Z83 1988)

## USEFUL SUBJECT HEADINGS

O'Connor, Flannery.  
O'Connor, Flannery -- Criticism and interpretation.  
"Greenleaf".  
Mythology in literature.  
Religion in literature.  
Symbols in literature.

\*\*\*\*\*  
NOTE: Pathfinders are brief, selected bibliographies for literary topics. They are designed to provide researchers with a quick start-up bibliography and are intended to be used with -- not instead of -- the standard reference tools in the subject discipline.

October 1990, rev. January 1991 (DWS)