LIBRARIAN ASSOCIATE I
Popular Library/Teen

Grade 6-A   Salary:

General Statement
Under the direction of the Department Manager provides technology and software related assistance in the department's Technology Center and performs a range of paraprofessional tasks and related duties as required.

General Responsibilities
Assists patrons with access to PCs per departmental policies, and provides basic orientation as needed. Teaches basic computer and software classes for the public. Assists patrons with software applications including Office 2000 Professional, Print Shop, Money, as well as online TLCPL resources, and general worldwide web searching. Provides minor troubleshooting and instruction for PCs, printers, scanners, etc. Maintains records of problems and places repair logs with IT as needed. Maintains current computer skills and is alert to industry and professional practices. Conducts basic reference searches, answers routine reference questions, and provides information and guidance to patrons. Keeps informed of library policies and procedures, and participates in appropriate workshops and seminars to expand and enhance skills. May be assigned to in-house committees and may serve as the Library's representative on community committees. Works cooperatively with staff members. Performs other related duties as assigned for the efficient operation of the Popular/Teen Library and the Library system.

Knowledge and Abilities Required
Familiarity of professional library principles, methods, and procedures. Ability to communicate effectively with Library users and staff. Good public service skills. Knowledge of popular software applications and the ability to learn new applications. Demonstrated knowledge of library automated catalog and other electronic resources. Ability to establish and maintain effective working relationships with associates and to relate to patrons of all ages and from diverse socioeconomic and ethnic backgrounds.

Requirements and Qualifications
An Associate's degree or equivalent, preferably in computer technology or a closely related field required. Must be able to meet the flexible scheduling requirements of the Department and the Library and be able to perform the essential functions of the position. Upon appointment a valid driver's license or access to transportation as needed is required.

DRIVER/CIRCULATION CLERK III
Outreach Services Department

Grade: 3   **Salary:**

General Statement

Responsible to Manager of Special Services and bookmobile librarian while on the road for safe operation of the bookmobile, taking a lead role, and efficiently performing circulation routines and related duties while serving the public with courtesy and friendliness.

General Responsibilities

Drives the bookmobile safely and is alert to indications of vehicle problems that need maintenance. Leaves the bookmobile interior clean and ready for the next day's route. Performs circulation procedures in the areas of charging and discharging of loan materials; accepting and computing of fines; registering new borrowers; processing overdues, reserves, interloans, and branch loans. May be assigned specific areas of responsibility. Assists in ensuring the efficient operation of the circulation desk by communicating information, keeping the circulation area organized and recommending improvements. May verify and process registrations. Assists in coordinating orientation, scheduling and assignments. Assists, as needed, with the daily and weekly schedules. May assist the Supervisor with ordering and maintaining supplies. Serves as a lead staff member interpreting and defining circulation policies and procedures. Directly assists patrons in solving circulation problems and concerns. Answers telephone calls and provides information to the callers or directs calls to the supervisor and/or professional librarians. Prepares receipts at the desk according to established routines and policies. Keeps informed of library policies and procedures, and attends workshops and seminars to expand and enhance job skills. May be assigned to rotate to perform duties and assignments at other Library facilities. May be required to perform other duties that are necessary for the efficient operation of the agency and the Library.

Knowledge and Abilities Required

Ability to perform detailed tasks neatly and accurately. Ability to interact pleasantly with library patrons of all ages from diverse socioeconomic and ethnic backgrounds. Ability to operate a variety of office equipment. Ability to accurately total copy sheets and balance the cash book. Skill in following directions and performing routine clerical tasks. Ability to handle book trucks used to transport materials. Knowledge of circulation policies and procedures. Ability to communicate and work cooperatively and effectively with your supervisor and co-workers. Ability to work independently.

Requirements and Qualifications

High school diploma or GED required. Required to accurately type 35 wpm. Previous experience as a Circulation Clerk preferred. Customer service and/or public service experience required. Dependability required. Ability to meet the varied scheduling requirements of the agency and the Library required. Ability to perform the essential functions of the position required. Must have physical ability to lift, load and unload up to 75 pounds of library materials and equipment. Driving record must be free of moving violations for the last three (3) years. Possession of a valid driver's license and ability to meet the library vehicle insurance requirements required.

@CCESS CENTER: the Public Library of the Future

ID	Task Name	Duration	Start	Finish	Timeline Notes
1	**PLANNING, ENGINEERING, & CONSTRUCTION DOCUMENTS**	194 days	Mon 6/1/09	Thu 2/25/10	
2	Program Planning	45 days	Mon 6/1/09	Fri 7/31/09	Completed
3	Pre-Curriculum & Classes Defined	90 days	Mon 6/1/09	Fri 10/2/09	Completed
4	Partnerships and Fundraising	180 days	Mon 6/1/09	Fri 2/5/10	Ongoing
5	Floorplans and Bid Specifications	90 days	Mon 8/3/09	Fri 12/4/09	Completed - Ready to Issue
6	CyberMobile Layout and Engineering	30 days	Mon 11/2/09	Fri 12/11/09	GSA Contract -- Ready to Award
7	Cost Estimates, BOM, Network Designs, and Topology	30 days	Mon 1/11/10	Fri 2/19/10	Completed
8	Building Permits	1 day	Mon 2/15/10	Mon 2/15/10	Received
9	Board Approval -- Apply for Grant & Matching Funds	1 day	Thu 2/25/10	Thu 2/25/10	2/25
10	**ISSUE BID - Kent**	43 days	Wed 9/1/10	Fri 10/29/10	
11	Issue RFP - Blueprints & Specifications	21 days	Wed 9/1/10	Wed 9/29/10	Buehrer Group
12	Pre-bid Meeting	1 day	Thu 9/30/10	Thu 9/30/10	Buehrer Group
13	Bid Due Date	1 day	Fri 10/1/10	Fri 10/1/10	Buehrer Group
14	Board Approval -- Contract Awards	1 day	Thu 10/28/10	Thu 10/28/10	Buehrer Group
15	Execute Contracts	1 day	Fri 10/29/10	Fri 10/29/10	10/29
16	**PRE-CONSTRUCTION - Kent**	64 days	Wed 9/1/10	Mon 11/29/10	
17	Public Notification & Media Alerts	5 days	Wed 9/1/10	Tue 9/7/10	TLCPL
18	Close Branch	1 day	Wed 9/8/10	Wed 9/8/10	TLCPL
19	Pack/Move Contents	21 days	Thu 9/9/10	Thu 10/7/10	TLCPL
20	Site Prep Work	21 days	Mon 11/1/10	Mon 11/29/10	TLCPL
21	**CONSTRUCTION - Kent**	300 days	Mon 11/1/10	Fri 12/23/11	
22	Demolition	20 days	Mon 11/1/10	Fri 11/26/10	General Contractor
23	Mechanical	45 days	Mon 11/29/10	Fri 1/28/11	General Contractor
24	Interior Walls	30 days	Mon 1/31/11	Fri 3/11/11	General Contractor
25	Plumbing	20 days	Mon 3/14/11	Fri 4/8/11	General Contractor
26	Electrical	75 days	Mon 4/11/11	Fri 7/22/11	General Contractor
27	Roof	60 days	Mon 7/25/11	Fri 10/14/11	General Contractor
28	Floors	30 days	Mon 10/17/11	Fri 11/25/11	General Contractor
29	Furnishings, fixtures, and equipment (FF&E)	20 days	Mon 11/28/11	Fri 12/23/11	General Contractor
30	**TECHNOLOGY - Kent**	127 days	Thu 9/1/11	Fri 2/24/12	
31	Infrastructure (CAT 6) As-Builts w/ Test Results	1 day	Thu 9/1/11	Thu 9/1/11	9/1
32	Install AV & Control System	60 days	Thu 9/1/11	Wed 11/23/11	Torrence Sound
33	Order Broadband WAN Upgrade	1 day	Mon 9/19/11	Mon 9/19/11	Buckeye Telesystems
34	Order Data Network Equipment & PCs	1 day	Tue 9/20/11	Tue 9/20/11	TLCPL
35	Order Training Room Equipment	1 day	Wed 9/21/11	Wed 9/21/11	TLCPL
36	Order PC Software -- MSOffice Pro, Envisionware LPT:One, Altirus Licenses, Kaspersky, DeepFreeze, ZoomText, Jaws, Natural Reader, & Dragon	1 day	Thu 9/22/11	Thu 9/22/11	TLCPL
37	Equipment On-site	1 day	Mon 10/10/11	Mon 10/10/11	10/10

Legend:

Task		Milestone ◆	External Tasks	
Split		Summary	External Milestone ◈	
Progress		Project Summary	Deadline	

Project: Timeline
Date: Mon 3/8/10

ID	Task Name	Duration	Start	Finish	Timeline / Resource
38	Install Router, Metro WAN, and Switches	5 days	Tue 10/11/11	Mon 10/17/11	Meyer Hill Lynch
39	Build Servers & Image PCs	2 days	Tue 10/18/11	Wed 10/19/11	Meyer Hill Lynch
40	Setup Authentication, VPNs, Domains, etc.	2 days	Thu 10/20/11	Fri 10/21/11	Meyer Hill Lynch
41	Install Phone System	5 days	Mon 10/24/11	Fri 10/28/11	Meyer Hill Lynch
42	Install PCs, Laptops, Printers, Scanners, etc.	10 days	Mon 1/2/12	Fri 1/13/12	Meyer Hill Lynch
43	Install Jaws, ZoomText, Natural Reader, and Dragon	5 days	Mon 1/16/12	Fri 1/20/12	Meyer Hill Lynch
44	Access Existing Databases -- 100+ Research dbs	1 day	Mon 1/23/12	Mon 1/23/12	TLCPL
45	Promedica Hospital's Wellness Database	1 day	Tue 1/24/12	Tue 1/24/12	TLCPL
46	ConnectOhio's Online Training Content	3 days	Wed 1/25/12	Fri 1/27/12	TLCPL
47	Test and Final Accept	20 days	Mon 1/30/12	Fri 2/24/12	TLCPL
48	**CYBERMOBILE**	**225 days**	**Fri 4/1/11**	**Thu 2/9/12**	
49	Order Vehicle -- Farber Speciality Vehicles	1 day	Fri 4/1/11	Fri 4/1/11	4/1
50	Vehicle Construction -- Manufactures Facility	150 days	Mon 4/4/11	Fri 10/28/11	
51	Resolve Vehicle Parking	20 days	Fri 6/10/11	Thu 7/7/11	TLCPL
52	Order Data Network Equipment & PCs	1 day	Mon 10/31/11	Mon 10/31/11	TLCPL
53	Order PC Software -- MSOffice Pro, Envisionware LPT:One, Altirus Licenses, Kaspersky, DeepFreeze, ZoomText, Jaws, Natural Reader, & Dragon	1 day	Tue 11/1/11	Tue 11/1/11	TLCPL
54	Order 3G Broadband Circuits/Cards	1 day	Wed 11/2/11	Wed 11/2/11	Verizon
55	Order ZoomText and JAWS software	1 day	Thu 11/3/11	Thu 11/3/11	TLCPL
56	Take Delivery of Vehicle	1 day	Mon 12/12/11	Mon 12/12/11	12/12
57	Build Servers & Image PCs	2 days	Fri 1/20/12	Mon 1/23/12	Meyer Hill Lynch
58	Install/setup Router, 3G Broadband, and Switch	3 days	Tue 1/24/12	Thu 1/26/12	Meyer Hill Lynch
59	Setup Authentication, VPNs, and Domains	2 days	Fri 1/27/12	Mon 1/30/12	Meyer Hill Lynch
60	Install Public PCs, Printer, Scanner, etc.	3 days	Tue 1/31/12	Thu 2/2/12	Meyer Hill Lynch
61	Test and Final Accept	5 days	Fri 2/3/12	Thu 2/9/12	TLCPL
62	**CURRICULUM / PROGRAMMING**	**155 days?**	**Wed 9/7/11**	**Tue 4/10/12**	
63	Finalize Curriculum, Classes, and Instructors	60 days	Wed 9/7/11	Tue 11/29/11	TLCPL & Partners
64	Finish Development of Content & Materials	60 days	Wed 11/30/11	Tue 2/21/12	TLCPL & Partners
65	Confirm Schedules, CyberMobile Stops, and Partners	1 day	Wed 2/22/12	Wed 2/22/12	TLCPL & Partners
66	Advertise Classes -- Website, Local Media, Flyers, etc.	30 days	Thu 2/23/12	Wed 4/4/12	TLCPL
67	Unpack / Replace Content at Kent	22 days?	Thu 3/1/12	Fri 3/30/12	
68	Courses Begin at Kent	1 day	Tue 4/10/12	Tue 4/10/12	4/10
69	Begin CyberMobile Routes	1 day	Tue 4/10/12	Tue 4/10/12	4/10
70	**STAFFING**	**109 days**	**Thu 11/10/11**	**Tue 4/10/12**	
71	Develop Staff Training Program & Materials	30 days	Thu 11/10/11	Wed 12/21/11	
72	Hire 1 FTE driver, 2.5 FTEs Library Associate 1, & PT Tutor	1 day	Wed 2/1/12	Wed 2/1/12	TLCPL
73	Staff Training	30 days	Thu 2/2/12	Wed 3/14/12	
74	Go Live	1 day	Tue 4/10/12	Tue 4/10/12	4/10

Timeline header: 2009 | 2010 | 2011 | 2012 (each divided by tr tr tr tr quarters)

Legend:

Task		Milestone	◆	External Tasks
Split	....	Summary	▼	External Milestone ◈
Progress	▬▬▬	Project Summary		Deadline ⇩

approved the Buildings and Grounds Committee recommendation to accept a gift   **Property**
of property. The subject property is 3404 Lagrange Street and is adjacent to our
Lagrange Branch Library to the South. It is currently an abandoned auto repair
shop and was previously a small gas station. The Library administration has been
pursuing the acquisition and all associated issues for several months. The
Buildings and Grounds Committee has also met and discussed the matter at
multiple meetings. All zoning, encumbrances and environmental due diligence
has occurred. The Library will assume legal and appraisal fees incurred by the
current owner. Ohio revised code 3375.33 and 3375.40 authorizes Library Boards
to acquire "real property". This .337 acre parcel will allow for the addition of 21
needed parking spaces. All reviews have occurred with the exception of a final
plan commission approval that is now in process. We fully accept approval from
the commission. With that as the only remaining contingency, the committee is
comfortable accepting the property gift (actual cost $1.00).

Mrs. Odesky brought forth the motion recommended by the Community   **Broadband**
Relations Committee, seconded by Mr. Tucker, all voting aye that the Library   **Technology**
apply for federal stimulus money through the Broadband Technology   **Opportunities**
Opportunities Program (BTOP)to place a Public Computer Center at Kent Branch   **Program**
and further to provide mobile computing services to senior centers, housing   **(BTOP)**
units, and youth organizations in Toledo. The intent of the Public Computer
Center /mobile unit is to provide access to broadband/Internet resources for
Toledo's most vulnerable populations and to offer them job and life skills
computer training. The renovation of Kent Branch is necessary so that it can
function as a 21st century public library with adequate spaces for books,
magazines, AV and computers to meet the needs of its population. The total cost
estimate for renovating Kent Branch, purchasing a mobile computer lab and
adding staff to assist patrons at Kent and Outreach Services is $3,090,936 with a
federal match of 70% and a Library match of 30%. BTOP awards will be
announced beginning in June 2010 with all grants awarded by September 30,
2010.
       The Library will apply for a BTOP: Public Computer Center with the Library
matching $927,281 towards the federal match of $2,163,655 for a project total of
$3,090,936
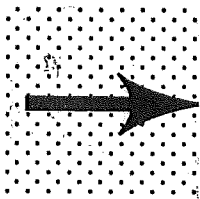
The Board heard brief comments from Harry Johnston, Communication Workers   **Staff**
of America. Mr. Lutz, APLE had no comments.   **Organizations**

JULIA R. BATES
LUCAS COUNTY PROSECUTING ATTORNEY

LUCAS COUNTY COURTHOUSE, 700 ADAMS STREET, SUITE 250, TOLEDO, OHIO 43604-5680
TELEPHONE (419) 213-4700 / FACSIMILE (419) 213-4595

February 26, 2010

Assistant Secretary
National Telecommunications and
Information Administration
U.S. Department of Commerce
Washington, D.C. 20230

Re: Toledo-Lucas County Public Library

Dear Sir:

We are general counsel for the Toledo-Lucas County Public Library, (the "Applicant.") In such capacity, we acted as counsel to the Applicant in connection with its ability to apply to the Broadband Technology Opportunities Program and in the review of the grant agreement, as referenced in the Notice of Funds Availability.

We are of the opinion that:

(a)   the Applicant is a duly organized and existing legal entity under the laws of the State of Ohio;

(b)   the Applicant has corporate power: (1) to execute and deliver the agreement, and (2) to perform all acts required to be done by it under said agreement;

(c)   no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform its duties under the grant agreement.

Very truly yours,

JULIA R. BATES
Lucas County Prosecuting Attorney

By: _____
Karlene D. Henderson
Assistant Prosecuting Attorney

KDH/bma

Call for inspection minimum: 3-5 working days in advance – 419-245-1220

BUILDING PERMIT

DIVISION OF BUILDING INSPECTION - CITY OF TOLEDO, OHIO

NOTICE!

CALL FOR BUILDING INSPECTION

BEFORE   (1) POURING CONCRETE FOOTINGS
AFTER   (2) COVERING WALLS
             (3) COMPLETING PROJECT

Date _3-5-10_
Owner _Toledo Lucas County Lbry_
Contractor _TBD_
St. and No. _3101 Collingwood_
Permit No. _BB09-01808_

THESE BLANKS FOR INSPECTOR'S APPROVAL			
FOOTINGS	PLUMBING	ELECTRICAL	HEATING AIR CONDITIONING
	"SEPARATE	**PERMITS**	**REQUIRED"**
ROUGH BLDG			
FINAL	FINAL	FINAL	FINAL

☞ **THIS CARD MUST BE TACKED ON STREET SIDE OF BUILDING** ☜

PERMIT TYPE: BUILDING, SUBTYPE - COMM/4FM

PRINTED:03-05-2010
PERMIT #:   BB09-01808   DATE ISSUED: 03/05/2010
STATUS: ISSUED   ISSUED BY: ZERVOSC
JOB ADDRESS: 3101 COLLINGWOOD BLVD TOL
LOCATION OF WORK:

OWNER INFORMATION
 419-259-5309
TOLEDO-LUCAS COUNTY PUBLIC LIBRARY TOLEDO LUCAS PUBLIC LIBR 325 MICHIGAN ST TOLEDO, OH
43624

APPLICANT INFORMATION
 419-893-9021
BUEHRER GROUP ARCHITECTURE & ENGINEERING INC 314 CONANT MAUMEE OH 43537

CONTRACTOR INFORMATION

THE FOLLOWING WORK IS AUTHORIZED BY THIS PERMIT:

        PERMIT SUBTYPE: ADDCOM, COMMERCIAL ADDITION

        ALTERATIONS(#): 1, SQ FT(#): 17766, TENTS(#): 0, BOOTHS(#): 0
        OCCUPANCY TYPE: LIBRARY
           USE GROUP(S): ASSEMBLY RECR/AMUSE/WORSHIP/OTHER
WORK CLASSIFICATION:
                 UNITS: 0
        APPEAL CASE#:   ORDINANCE #:
  CONSTRUCTION TYPE: 2B
    WORK DESCRIPTION: NEW ADDITION & INTERIOR ALTERATIONS TO EXISTING LIBRARY
      ZONING DISTRICT:
PERMIT FEE: $2,794.90

Administrative Fees	
Early Start (Y/N):	$0.00
ReInspection Fee:	$0.00
Illegal Occupancy:	$0.00
Inspection w/OT:	$0.00
Investigation Fee:	$0.00
Other Fee (desc. below):	$0.00
Surcharge:	$86.85
Plan Review - Structural:	$100.00
Plan Review - Non-Structural:	$0.00
Temp. Occupancy Commercial:	$0.00
Final Occupancy Commercial:	$65.00

COMMENTS: LOG #11-21

FEE TOTAL: $3,046.75

Basic Computer Skills

- ➢ Windows and its components
- ➢ Desktop
- ➢ Taskbar
- ➢ Start Menu
- ➢ Minimize/Maximize/Close Buttons
- ➢ My Computer
- ➢ Click either the left button or the right button
- ➢ Multitasking
- ➢ Highlight
- ➢ Copy/Cut and Paste text
- ➢ Save and/or Save As
- ➢ Print Command
- ➢ New Folder
- ➢ Copy/Move files
- ➢ Drag and Drop
- ➢ File types with varying extensions
- ➢ Create shortcuts
- ➢ Hard drive and floppy drive
- ➢ Rename/Delete

Power Supply

CPU

RAM

AGP (Video)

PCI Expansion Slots

CD-ROM

Floppy Drive

Hard Drive
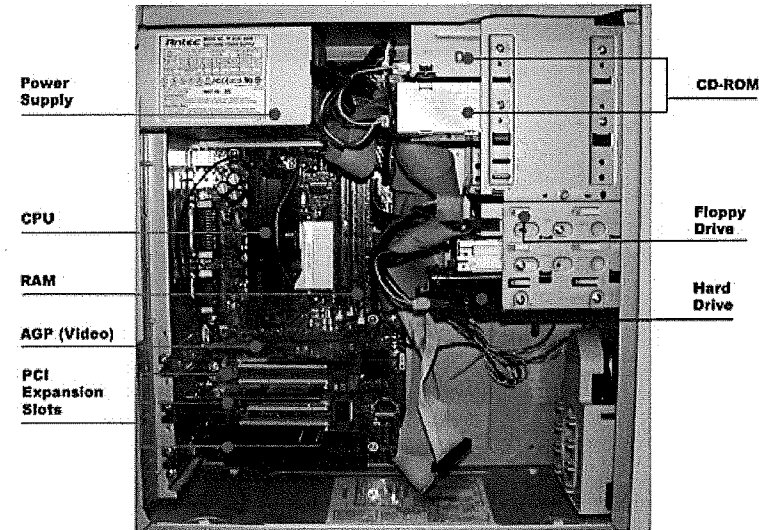
Windows and its Components

The main components of Windows when you start your computer are the Desktop, My Computer, Recycle Bin, Start Button, Taskbar, and shortcuts to applications.

After opening an application, you will also have a window with an active application that will appear in your desktop and taskbar.
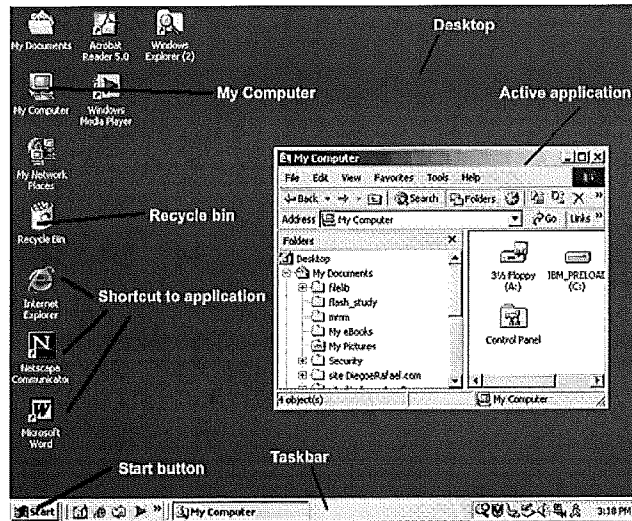
Desktop

The **Desktop** is the very first screen you see after Windows starts. There you find the folders: My Documents, My Computer, the Recycle Bin and any Shortcuts for applications and files that you have created.

My Computer

When you double-click on the **My Computer** icon on the desktop, it will open a window similar to the one shown below, where you can navigate between the computer's drives and Control Panel tools.
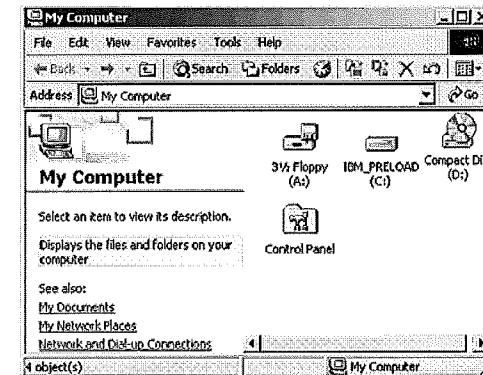
Recycle Bin

When you delete a file from your computer's hard drive, it is removed to the [folder icon] folder called **Recycle Bin.** Files deleted from your hard drive are still available for restoring if needed, unless you empty your Recycle Bin.

- To restore the files, open the Recycle Bin folder by double-clicking the icon on your desktop, select the file and then select **Restore.**

- To clear the Recycle Bin, select **Empty Recycle Bin** and the files will be permanently removed from your computer.
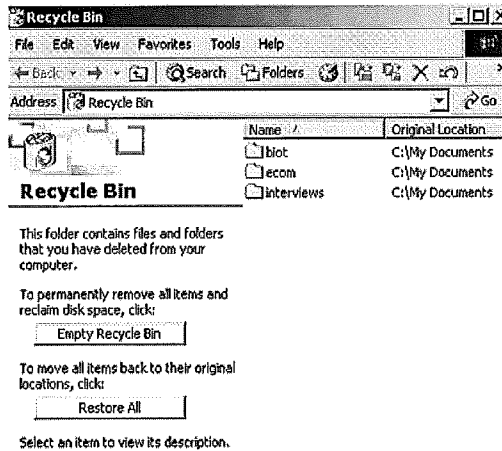
Note that the recycle bin does *not* apply to the contents of a floppy disk. If you delete a file from a floppy disk, it is permanently deleted, and you cannot restore it.

Minimize/Maximize/Close Buttons

In the top-right corner of your document are the **Minimize/Maximize/Close** buttons.

The first one when clicked minimizes your screen, sending it to the taskbar. The second one maximizes your screen, filling all desktop with the document you are working with. The last button is used to close your document.

It is best practice to work with your document window maximized.
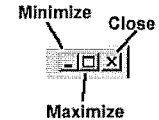
Start Menu

By clicking the **Start** button, in the very bottom-left corner of the screen, a vertical window will come up with the **Start Menu**.

The list of submenus in the pop-up window let you navigate and select the application you want to run.
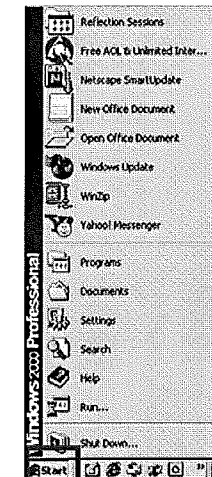
Taskbar

The **Taskbar** is the row at the bottom of the Windows screen where all currently open applications or files are listed.

The taskbar is used to select a file or application that is already opened or to put an application in the foreground.

To put an application in the foreground, just click on the icon of the application in the taskbar. Another way to put an application in the foreground when more than one is in use is to hold the ALT button and then click TAB on your keyboard to see all the open applications; you will need to hold the ALT button and continue pressing TAB to go through each application until you come to the one you want to use.

Shortcut

A **shortcut** creates a button or icon which typically stays on the desktop and when clicked, quickly allows you to start a program or open a file without having to go to its permanent location on your computer.

To create a shortcut, open the Windows Explorer or go to the **Start** menu, select the file or program you want to create a shortcut for, place the cursor on the icon for the file, then right-click and select **Create Shortcut** from the menu that pops up. The shortcut file will be created. After that, you drag the shortcut file to the desktop and whenever you click on it, it will open the application or document related to the shortcut.
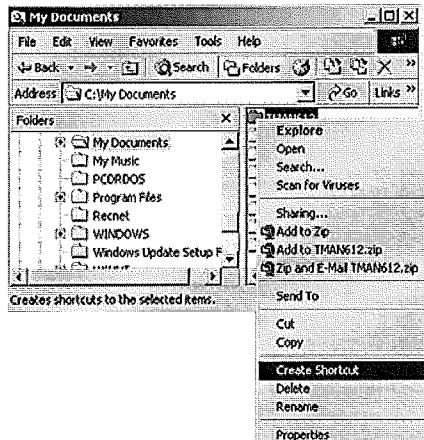
Right and Left Click

To use the mouse, usually you **click** the **left** button. However you can also **right-click** to display a hidden menu related to the object you are in when clicking. This menu can vary depending on which application you are using.

With right-clicking, you can operate different functions such as:

- Copy/cut or paste a text, file, or folder.
- Rename or delete a file or folder.
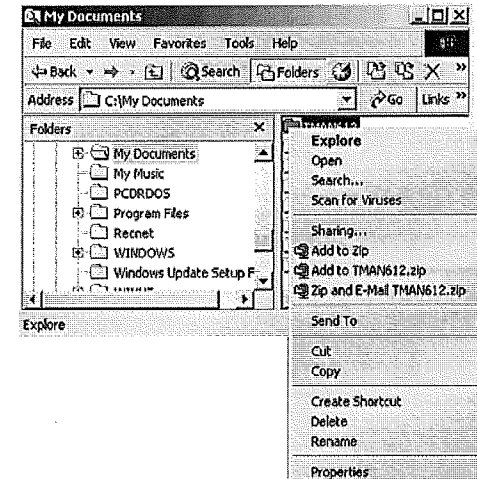
Multitasking

The term **multitasking** means to be running or working in two or more applications at the same time. You can be more productive by multitasking. For instance, you can download files from the Internet while managing your files or word processing.

In order to switch between the applications you can use the Taskbar, clicking on the icon of the application you want to have in the foreground.
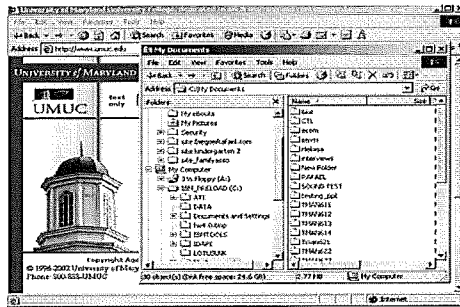
Highlight

Put your cursor at the beginning of a word or sentence you want to highlight, then click and drag your mouse to the end of the selection.

Basic Computer Skills
for a Windows Environment

Basic Computer Skills
for a Windows Environment

Copy/Cut and Paste Text

Copy is used when you want to have an area of text from a document twice at the same document or in another document. You first select the area of the text by highlighting it and then press CTRL+C, or go to **Edit** menu and select **Copy**.
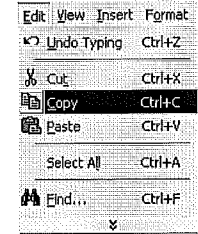
Cut is used to delete an area of text from a document. You first select the area of the text by highlighting it and then press CTRL+X, or go to **Edit** menu and select **Cut**.
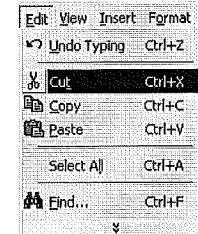
Paste is used to insert an area of text or image in a document by hitting CTRL+V or in the Edit menu selecting **Paste**.
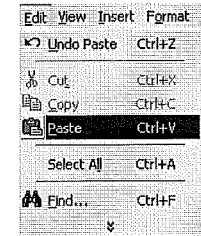
Another way of using the copy, cut or paste commands is using the right-click button of your mouse.

1. After highlighting the text you right-click and a menu will appear where you can select **Copy** or **Cut**.
2. To paste you just insert your cursor where you want, right-click and select **Paste**.
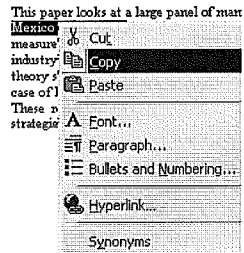
Copying or cutting and pasting a text in Microsoft Word:

1. Highlight the text you want to copy or cut, press CTRL+C (for copy) or CTRL+X (for paste).

Can you answer the questions below?
Do you understand the concepts and computer terminology?
If not, be sure to sign up for a Basic Skills technical
workshop before undertaking the WebTycho training.
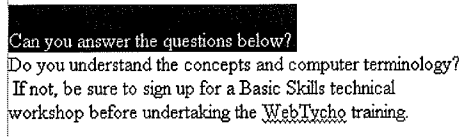
2. Insert your cursor where you want to paste the text.

Do you understand the concepts and computer terminology?

If not, be sure to sign up for a Basic Skills technical
workshop before undertaking the WebTycho training.
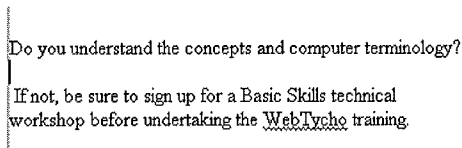
3. Paste your text by pressing CTRL+V. The text will appear.

Do you understand the concepts and computer terminology?
Can you answer the questions below?
If not, be sure to sign up for a Basic Skills technical
workshop before undertaking the WebTycho training.
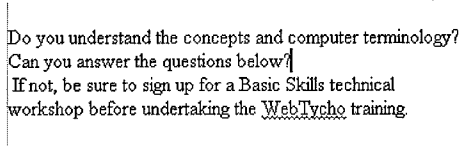
Standard and Formatting Toolbars

Toolbars are rows of buttons and boxes. When you click on a button or box, an application opens or a task is performed. Toolbars normally appear at the top of an application's window. The **Standard Toolbar** shown in the image below is from Windows Explorer; the standard toolbars in other applications may have buttons that allow you to open a new document, save, print, and spell check.

The **Formatting Toolbar** is used to format a text using alignments, font type, font size, bold, italic, and lists. It is provided in most applications. The image below shows the Formatting Toolbar from Netscape Composer.

Save and/or Save As

Save is used when:
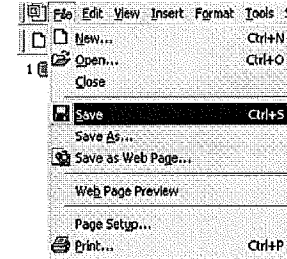
- It is the first time you are saving a file.
- You want to keep saving a existing file in different moments that you are working on it.
- It is the end of a working period.

Note that clicking Save will replace whatever file you were working on.

Go to **File** menu and select **Save** or use the combination keys CTRL+S.
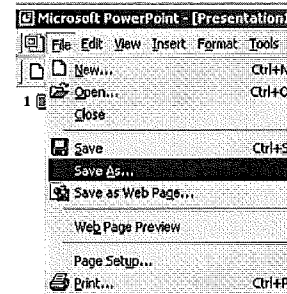
Save As is used when you want to save a file with a different name to create backups of a file in the creation process. In that way, you can have different versions of the same document and can return to a previous stage.

Go to **File** menu and select **Save As** or use the combination keys CTRL+SHIFT+S.

Print Command

To print a page go to the **File** menu and select **Print.** A window will pop up with options for how many copies and which pages you want to print. Other options are also available depending on the printer.
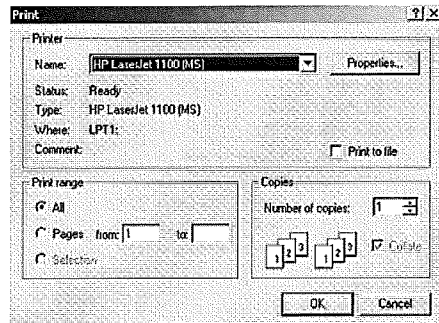
New Folder

To create a **New Folder**, which means a new directory (a place where documents from the same subject are stored), go to the **File** menu, then **New** and select **Folder** from the pop-up menu, either in **My Computer** or in **Windows Explorer.**

To open Windows Explorer, click the **Start** button, select **Programs/Accessories/Windows Explorer.**
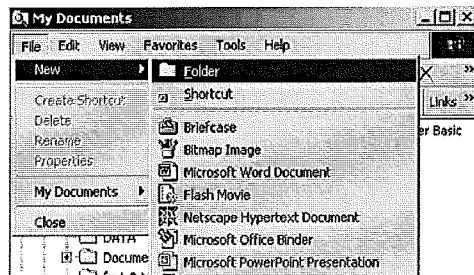
Copy/Move Files

To **copy** and **move** a file or folder, use Windows Explorer.

To open the Explorer application, click the **Start** button and select **Programs** and **Windows Explorer** (some computer have Explorer under Programs/Accessories).

Copy or **move** a file using **Menu** command:

1. **Select** the disk drive that contains the file by clicking twice on it.
2. **Click** on the folder where the file is located
3. **Select** the file by clicking on it.
4. Go to **Edit** menu, select **Copy** (if you want to retain a copy of the file in the original place) or **Cut** (if you want to move the file).
5. Navigate to the new location where you want to paste the file.
6. Go to **Edit** menu, select **Paste**.

The same procedure can be used if you want to copy or move an entire folder.
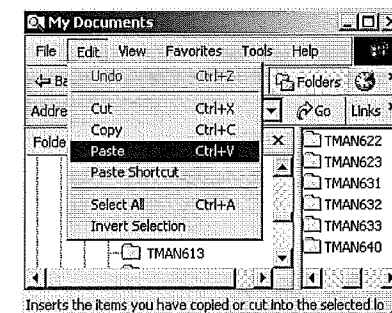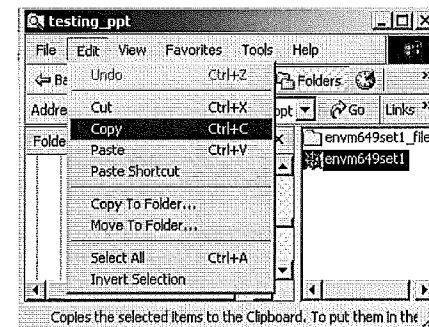
Drag and Drop

Drag is when the mouse button is held down while the mouse is moved. It is mostly used to move files around in Windows Explorer or in some other applications. **Drop** is the release of the button, after finishing dragging the mouse.

Here is an example of dragging and dropping a file from the hard drive to the floppy drive in Windows Explorer:

1. Select the file, hold down the left mouse button and drag it in the direction of the floppy drive on the left side.
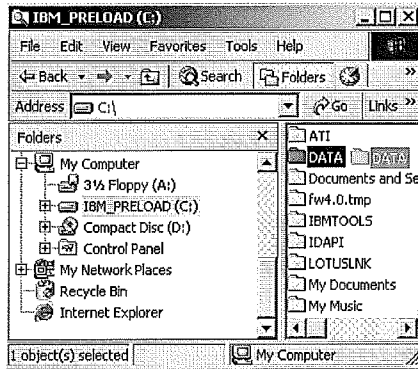
2. After the floppy drive highlights you can release the mouse button; the file will be dropped and copied there.
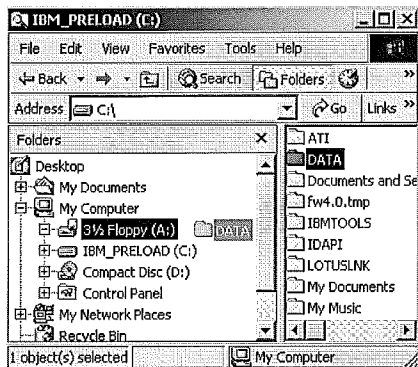
File Extensions

A file extension is the three letters of a file name after the dot. It is created by the application when you save a file. It is the way operation systems identify which application to use to open a file. Windows often doesn't list them when you are searching for a file, but they are there. Examples are: .txt, .doc, .exe, .html, .jpg, .gif, .wav.

However, sometimes you will want to save a file with different extensions. In order to do that, select **Save As** in the File menu. The **Save As** box will open. Choose from the drop-down menu next to **Save As Type** the type you want to save. The extension of the type will be created for you by the application.

Here is an example from Microsoft Word:
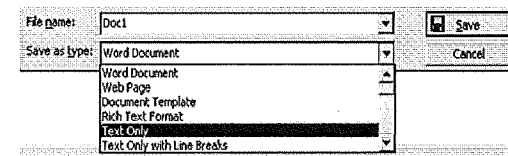
Some file extensions:

*   Graphic files: **.bmp, .gif, .tif, .jpg**
*   Word document: **.doc**
*   Program file: **.exe**
*   Webpages files: **.htm, .html**
*   Unformatted text: **.txt**
*   Excel spreadsheet file: **.xls**
*   Compressed file: **.zip**
*   Rich Formatted Text: **.rtf**
*   Sound file: **.wav**
*   Acrobat Reader file: **.pdf**

Hard Drive and Floppy Drive

In your computer there are different drives: the **hard drive,** the **floppy drive** and the **compact disk drive.**

The **hard drive,** also called the **C: drive,** is used for storing all your applications and files. The **floppy drive,** or **A: drive,** is used when you insert a floppy disk to store files that you want to transport or create a back up.

To select the hard drive or floppy drive for file management you can go to either **Windows Explorer** in programs or to **My Computer** on the desktop.

In **Windows Explorer** select the **hard** or **floppy drive.**
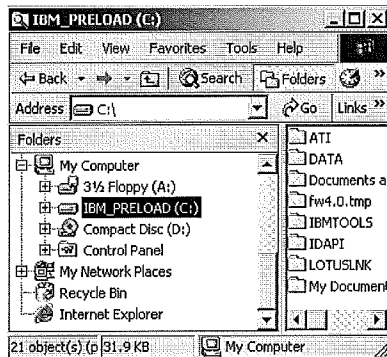
Hard Drive C:
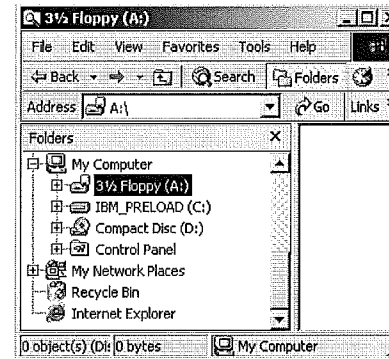
Floppy Drive A:

or in **My Computer,** select the **Hard** or **Floppy Drive.**

Hard Drive C:
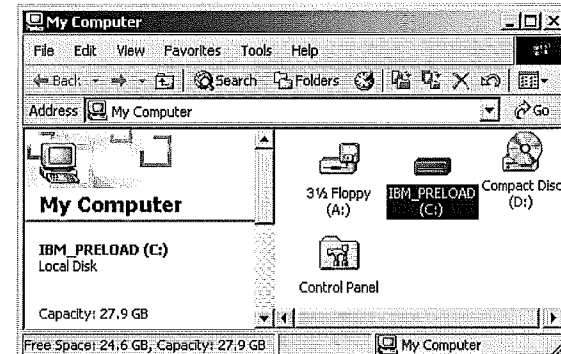
Floppy Drive A:
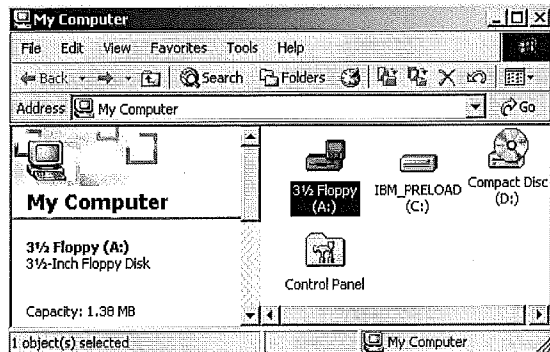
Rename/Delete a Folder or File

Using **Windows Explorer** you can rename or delete a file or folder.

To **Rename** a file or folder:

1. Navigate and select the file or folder you want to rename from the proper drive (c:, a:).
2. Go to the **File** menu and select **Rename.**
3. The file name will be highlighted and blinking in the right corner waiting for you to type the new file name.
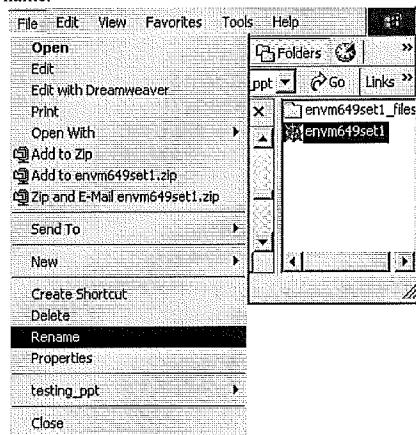
To **Delete** a file or folder:

1. Navigate and select the file or folder you want to **delete.**
2. Go to the **File** menu and select **Delete.**
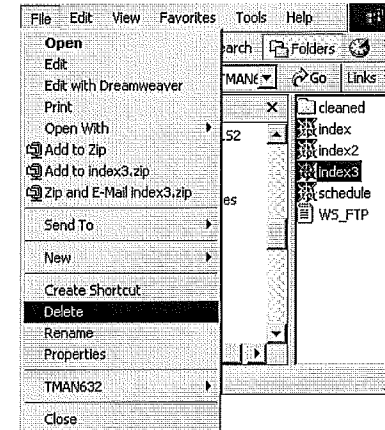
Another way of renaming or deleting a file or folder is using the right-click button of your mouse. After highlighting the file or folder, you right-click and a menu will appear where you can select **Rename** or **Delete.**

Basic Microsoft Word 2007
Class Outline

Getting Started
- The Ribbon (formerly the Toolbars)
- Quick Access Toolbar
- Microsoft Office Button

Working with Documents
- Creating a New Document
- Open an Existing Document
- Save a Document
- Save As or Renaming Document

Formatting Text
- Changing Font and Size
- Font Styles and Effects
- Change Text Color
- Alignment
- Tabs

Graphics
- Insert Clipart
- Insert Picture
- Resize Graphics

Spelling and Grammar
- Check the Spelling and Grammar of a document
- Check the Spelling of an individual word

Printing
- Review Print Options (Print, Quick Print and Print Preview)
- Configuring Printing Options

New File Format
- Why the change?
- Working with documents from past versions of Word - Compatibility

Basic Microsoft Word 2007

Starting Microsoft Word

2 Ways
1. Double click on the Microsoft Word icon on the Desktop

2. Click on Start → All Programs → Microsoft Office → Microsoft Office Word 2007
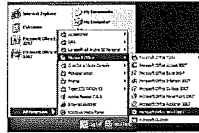
Word Ribbon (formerly the Toolbar)
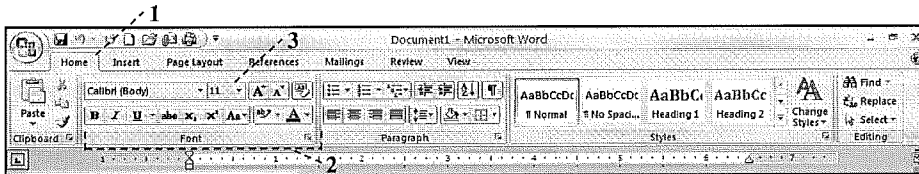
1. Tabs -- There are six of them across the top. Each represents an activity area.
2. Groups -- Each tab has several groups that show related items together.
3. Commands --A command can be anything from a button, a drop-down list, or a box to enter information.

Ribbon Tabs
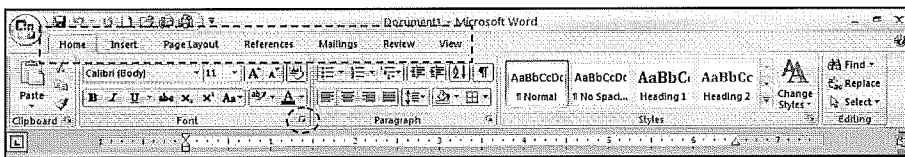
Each of the Tabs contains the following tools:

Home: Clipboard, Fonts, Paragraph, Styles, and Editing.
Insert: Pages, Tables, Illustrations, Links, Header & Footer, Text, and Symbols
Page Layout: Themes, Page Setup, Page Background, Paragraph, Arrange
References: Table of Contents, Footnote, Citation & Bibliography, Captions, Index, and Table of Authorities
Mailings: Create, Start Mail Merge, Write & Insert Fields, Preview Results, Finish
Review: Proofing, Comments, Tracking, Changes, Compare, Protect
View: Document Views, Show/Hide, Zoom, Window, Macros

More commands under each Group:

When you see a small arrow ▣(called the **Dialog Box Launcher**) in the lower-right corner of a group, it means there are more detailed or advanced options available for the commands in the group. Click the arrow to open a dialog box or a task pane where you can work with the available options.

1

Quick Access Toolbar
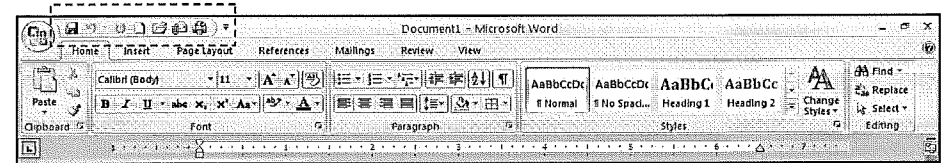
It contains some commands that you use over and over every day: Save, Undo, Repeat and Print. You can add your favorite commands to it so that they are available no matter which tab you are on.

To add commands to the Quick Access Toolbar, right-click the command you want to add, and then click Add to Quick Access Toolbar. Using the drop-down arrow on the right with also add commands.

Microsoft Office Button (formerly "File" on Toolbar)
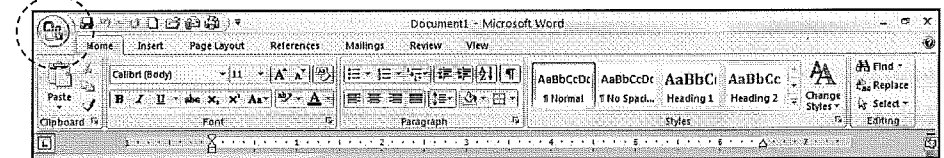
Microsoft Office Button (open)
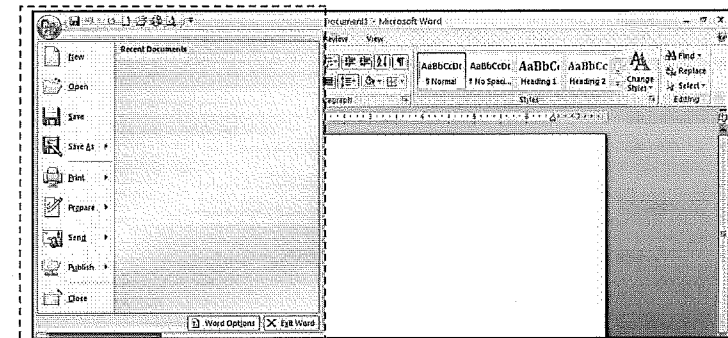
The File menu has been replaced in Microsoft Office Word 2007 with the Microsoft Office Button. Click this button, in the upper-left corner of the program window, to **Open, Save**, and **Print** your documents.

Click the **Word Options** command at the bottom of the menu and you'll also find the program settings that control things like your preferences for correcting spelling, which used to be found on the Tools menu, under Options.

2

Working with Documents

Creating a New Document
Go to the **Office Button → New**
It will show you all the templates that are available which you can use if you want to create a preformatted document or otherwise you can select to start a blank document.

Open an Existing Document
Just go to **Office Button → Open →** select your desired file to open.

Save a Document
To save a document, go to **Office Button → Save.**
If it is a new document, selecting *Save* will automatically open the *Save As* dialog so that you can specify the name of the document and the place where you want to store it.

Save As or Renaming a Document
If you want to save a copy of the document (which will not overwrite the existing document), you should select the *Save As* option, go to **Office Button → Save As.** Use *Save As* to rename a document.

Formatting Text

To change the font typeface
- Click the **arrow** next to the font name and choose a font.
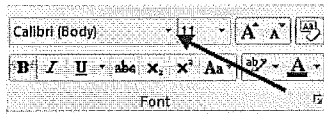
- Remember that you can preview how the new font will look by highlighting the text, and hovering over the new font typeface.
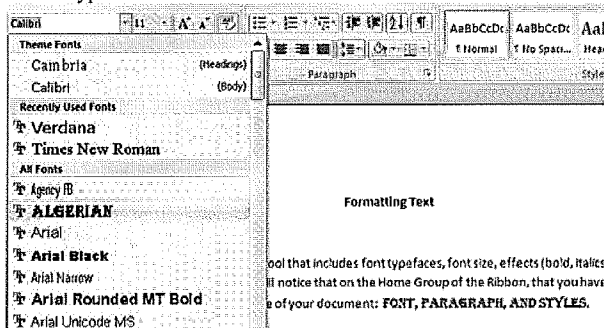
To change the font size
- Click the **arrow** next to the font size and choose the appropriate size, or
- Click the **increase** or **decrease** font size buttons.
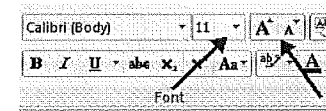
Font Styles and Effects
Font styles are predefined formatting options that are used to emphasize text.
They include: **Bold,** *Italic*, and Underline.

To add these to text:
- Select the text and click the **Font Styles** included on the Font Group of the Ribbon, or
- Select the text and right click to display the font tools
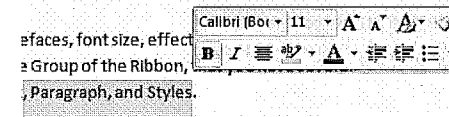
Change Text Color
To change the text color:
- Select the text and click the **Colors** button included on the Font Group of the Ribbon, or
- Highlight the text and right click and choose the colors tool.
- Select the color by clicking the down arrow next to the font color button.
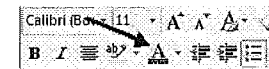
Change Alignment
The paragraph alignment allows you to set how you want text to appear. To change the alignment:
- Click the **Home Tab**
- Choose the appropriate button for alignment on the Paragraph Group.
  - **Align Left**: the text is aligned with your left margin
  - **Center**: The text is centered within your margins
  - **Align Right**: Aligns text with the right margin
  - **Justify**: Aligns text to both the left and right margins.

Tabs
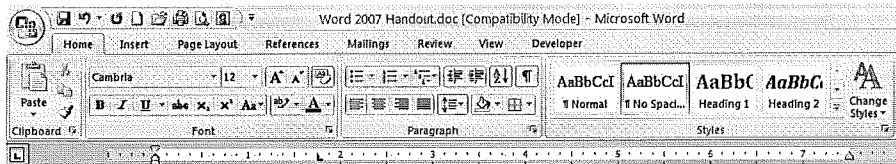
Working with Tabs from the Ruler: Moving Tabs
- On the *Ruler*, click and hold the tab you want to move
- Drag the tab to the new location and release the mouse button

Working with Tabs from the Ruler: Deleting Tabs
- Click and hold the tab you want to delete
- Drag the tab into the document area of the screen and release the mouse button
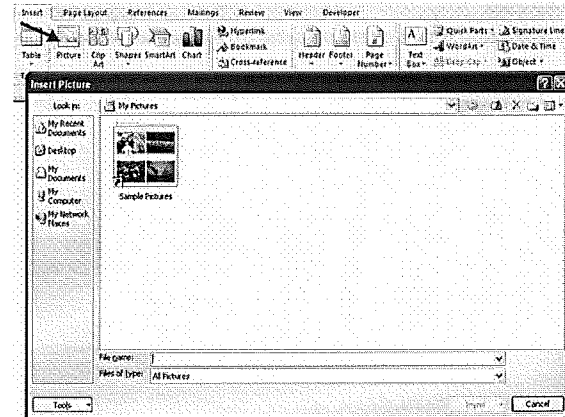
Graphics

To insert Clip Art
- Place your cursor in the document where you want the illustration/picture
- Click the **Insert** Tab on the Ribbon
- Click the **Clip Art** Button
- The dialog box will open on the screen and you can search for clip art.
- Choose the Clip Art you wish to include
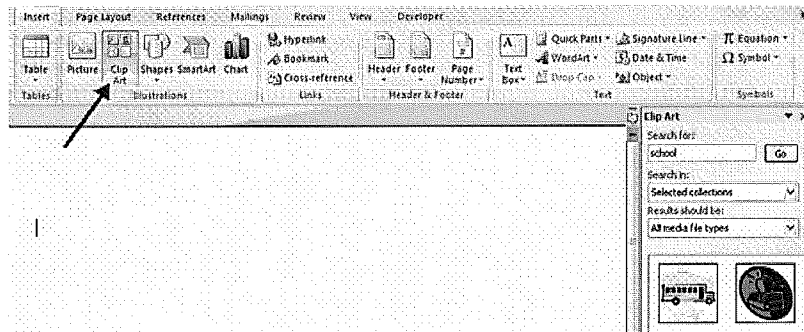
To insert a picture
- Place your cursor in the document where you want the illustration/picture
- Click the **Insert** Tab on the Ribbon
- Click the **Picture** Button
- Browse to the picture you wish to include
- Click the **Picture**
- Click **Insert**

Resize Graphics
All graphics can be resized by clicking the image and clicking one corner of the image and dragging the cursor to the size you want the picture.
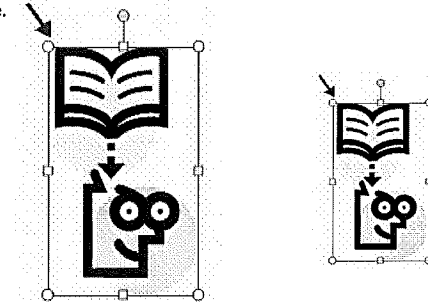
Spelling and Grammar

To check the spelling and grammar of a document
- Place the cursor at the beginning of the document or the beginning of the section that you want to check
- Click the **Review** Tab on the Ribbon
- Click **Spelling & Grammar** on the Proofing Group.
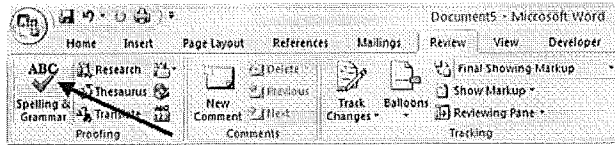
- Any errors will display a dialog box that allows you to choose a more appropriate spelling or phrasing.
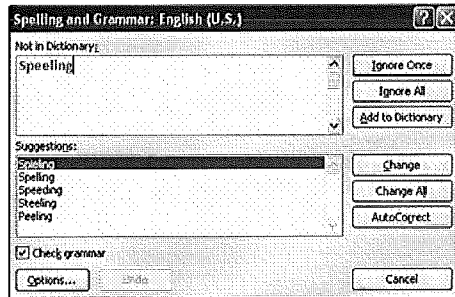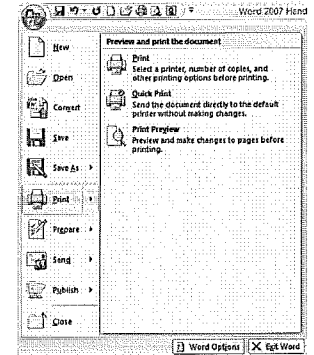

To check the spelling of an individual word
- Right click any word that has been underlined by Word and choose from the drop-down list.
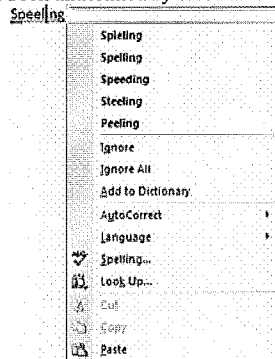
Printing

Print an open document by going to **Office Button → Print**.

There are three options in Print Menu:
1. Print -- If you select the first option, which is *Print*, it will give you the print dialog where you can configure different options.

2. Quick Print -- If you select *Quick Print*, it will just use the default settings and will print the document directly. It will not ask you of any configuration settings. So if you have configured your printing settings, then you can easily print using *Quick Print* option as it will be faster.

3. Print Preview -- *Print Preview* will give you the view of how the document will look like after it has been printed on the paper. So by previewing your document, you can make sure everything is what you're expecting.
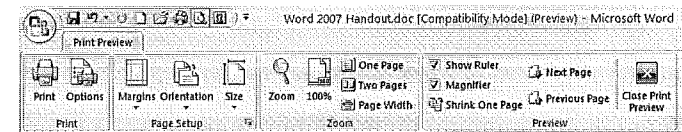
In print preview, you can change the margins and orientation of the page to be printed. And you can select the paper being used for printing i.e. whether you're using A4 size paper or a letter or an envelope etc.

Configuring Printing Options
Go to **Office Button → Print.** If you need to change any options, do so then select *OK*.
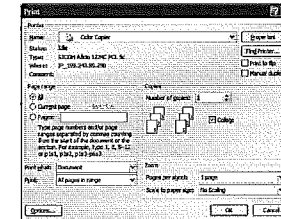
New File Format

Why the Change?
The new Word document file format is based on the new Office Open XML Formats (XML is short for Extensible Markup Language). You don't have to understand XML.

Just keep in mind that the new XML-based format:
- Helps make your documents safer by separating files that contain scripts or macros, making it easier to identify and block unwanted code or macros.
- Helps make your document file sizes smaller.
- Helps make your documents less susceptible to damage.

Working with documents from past versions of Word – Compatibility
In Word 2007, you can open files created in previous versions of Word, from Word 95 to Word 2007.

- When you save a file that was originally created in a previous version, the automatic option in the **Save As** dialog box is to save it as the previous version (.doc).

- When you save a file as a previous version, if any 2007 features are not compatible with the previous version, a Compatibility Checker tells you so, and any new features will not work.

Note that when you open a Word file created in a previous version, or when you save a file created in 2007 as a previous version, Compatibility Mode is automatically turned on.

The Compatibility Checker runs automatically. You can also run it manually if you wonder whether any features in a document will be incompatible with previous versions.

Click the Microsoft Office Button → Prepare → Run Compatibility Checker.

Important Note:
A Word 2007 document **cannot** be opened in a past version of Word, unless you install the Microsoft Office Compatibility Pack.

Kent Branch Library
Computer Classes for Beginners
"Email Basics"

What do I need to use email?

•Computer

•Internet Connection

•Email program or Web Browser

Top Web-Based Email Providers

Yahoo - Hotmail
Gmail - AOL

Web Email

Advantages:
- Freedom of movement
- Easy to use
- Free
- Always available

Disadvantages:
- Limited storage space for messages.
- No offline access to your email.

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3 things to memorize to use Web Email

•Address for the Web page
•Your email name or id
•Your password

Email Security

- Whenever you receive or send email, you risk catching and spreading a computer virus. Viruses can damage your computer.
- Email attachments are the most common form of virus transportation. If you open an infected file, there is a good chance of catching the bug.
- Never open an attachment unless you know the sender.
- Installing virus and spyware detection software is recommended.

1

Phishing

Phishing attacks use 'spoofed' e-mails and fraudulent websites designed to fool recipients into divulging personal financial data such as credit card numbers, account usernames and passwords, social security numbers, etc. By hijacking the trusted brands of well-known banks, online retailers and credit card companies, phishers are able to convince up to 5% of recipients to respond to them.

The brands most commonly hijacked are, in order: Citibank, USBank, eBay, PayPal, and AOL.

Phishing resource: http://www.antiphishing.org/

Protect yourself from Computer Crime

- ▪Delete all suspicious emails received.
- ▪Empty your trash folder.
- ▪Never open an attachment unless you know the sender.
- ▪Use extreme caution before giving out confidential data.
- ▪Beware of identity thieves.
- ▪Report SPAM.
- ▪Opt out of SPAM lists.

E-mail in Four Parts

- ▪ The Address
- ▪ The Attachment
- ▪ The Subject Line
- ▪ The Body

Anatomy of an Email Address

General format
An email address usually consists of 2 elements:
name@company.organization code.country code

Examples of email addresses for people in the United States:
janedoe@gmail.com (United States is implied)
jdoe@toledolibrary.org

Examples of email addresses for someone outside the United States:
john@yahoo.com.de
john@yahoo.com.uk

Addressing Your Email Message

When Sending Email:

- • Write recipients email address every time you send a message.
- • Use an electronic address book.
- • Use of Cc (carbon copy) or Bcc (blind carbon copy.)
- • Use of group lists.
- • Addresses are automatically entered when replying to messages.

Writing Good Subject Lines

- ▪ State your message clearly, concisely, and descriptively.
- ▪ Consider your primary audience when writing the subject line.
- ▪ Steer clear of subject lines commonly used for viruses, spam, or junk.

Bad Lines	Good Lines
Tickets	Our Lyric Opera tickets
Request	Request for parts number
Meeting	Meeting 9am Tues, Room 6

Laboratory

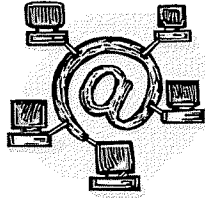•Establish an email account @ aol.com

Send an email to:
janedoe@aol.com

janedoe@yahoo.com

jane.doe@toledolibrary.org

jdoe@Utoledo.edu

Hands-on Internet Outline

A. Introduction

The Internet is the interconnection of different computers by telecommunications.

The Internet is available to hundreds of millions of users worldwide, 24 hours a day, 7 days a week.

This class is about the World Wide Web and how to steer through the Information Superhighway. A different class is offered for using e-mail.

Necessary equipment to connect to the Internet
1. CPU
2. Mouse
3. Keyboard
4. Monitor
5. Modem (phone or cable) - Is the device that allows your computer to transmit data over phone or cable lines, so your computer can communicate with other computers on the Internet.

B. Basic Terms

World Wide Web - Specifically it refers to the portion of the Internet dictated by the HTTP protocol and can be navigated through the use of a browser such as Internet Explorer or Netscape Navigator.

Really – Electronically linked documents (pages) on the Internet that may contain text, graphics and audio.

Website – A location or address on the WWW that may contain web documents.

Homepage – The main page of a web site. The Homepage serves as an index or table of contents to other documents/pages at the site.

Links – A link is a reference to another web document or site inserted into almost all documents on the Web. Clicking on the link will transfer you from your current document to another document.

Search Engine – A program accessed through a website that searches web documents for specified keywords and returns a list of the websites where your keywords were found.

C. Navigation

Navigation Buttons - Browser
1. Back
2. Forward
3. Stop
4. Refresh (reload)
5. Home (does not appear on Library PCs)
6. Scroll Bars

D. Methods of Searching

URL – (Uniform Resource Locator) The URL is the address of a resource, or file, available on the Internet.

1. Type an Internet address directly.
    - Delete contents of location box.
    - Type in URL.
    - Click on "Go" or press "Enter"

2. Domain Names – Internet category
    - .com
    - .org
    - .mil
    - . gov
    - .edu
3. Examples of common Internet Addresses
    - www.chrysler.com
    - www.utoledo.edu
    - www.toledolibrary.org

    Guessing the address can be easy, but be warned!
    www.whitehouse.gov Vs. www.whitehouse.com

4. Surfing
    - Clicking on layers of links
    - Example - Library's Internet link

5. Search Engines
    - Examples
        A. Google
        B. Yahoo
        C. Excite
        D. Metasearch – Uses multiple search engines at same time

- Example #1
  Type: "Ohio Department Aging" in address box

- Example #2, Be Specific, the more terms the better
  A. Type: Springfield Schools
  B. Type: Springfield Schools Ohio

- Google Specialty Searches

D. Printing
- What you see may not be what you get out of the printer?
- Screen size (visual) may be different than print size.
- Screen layout may be different that print layout.
- Look for "print" or "printable view" button.
- Reformats WebPages for printing.

Example – www.toledoblade.com

1. Click on any article
2. Click on "Print" on top row of article

E. Internet Privacy

Example – www.google.com

1. Type in your phone number, use dashes (419-XXX-XXXX)

2. This only works on "listed" numbers, not "unlisted"

3. Students name and address should appear if a "listed number"

4. Click on "Google Maps" to see visual map of address

F. Conclusion

Mouse Maneuvers -- Setup and Positioning

1. Place your mouse close to your keyboard and within easy reach.

Placing your mouse too far away can cause your shoulders muscles to tire from constantly supporting your outstretched arm, leading to neck and shoulder pain. Keeping it close to your keyboard means you won't have to overstretch when reaching for the mouse.

2. Keep your mouse close to your keyboard.

Placing your mouse on a desk if your keyboard is on a tray can cause you to overreach, and result in shoulder or neck pain. You should be able to use your mouse comfortably with your arms close to your side, and your elbows at a slightly "open" angle.

3. Consider a mouse tray to help keep your mouse near your keyboard.

Your mouse should be close to your keyboard, and both should be comfortably placed. If you are using a keyboard tray, the best position for your mouse is on an adjustable tray that slides over the numeric keypad of your keyboard, putting your mouse about 2 inches above your keyboard (known as a mouse bridge). If your keyboard tray has a tiltable mouse tray to the side, then try angling it down slightly to improve your wrist posture. Try to avoid using a mouse to the side of the keyboard on a flat, lowered tray, because this puts your hand in greater wrist extension.

4. Adjust your mouse/trackball's software controls.

Many people don't realize that the way their mouse functions can be controlled through software. You can adjust the speed at which your mouse moves, the time required between double-clicks, and the size of the cursor. If you're constantly having to backtrack because you shot past the "close window" button, try slowing your mouse down.

5. Consider using a different input device to reduce repetitive arm motions.

Trackballs decrease the distance your shoulder has to travel, which may help reduce movement-related pain. (However, they can also put more strain on the fingers and hands.) Some mouse designs work like a joystick and may help. You can also use a touch pad, a pen and tablet, or a foot-operated mouse. Try a variety of devices, and use the one that feels most comfortable.

6. Make sure you're using the right size pointing device.

People often don't realize that mice may come in different sizes. Make sure that the mouse fits comfortable in your hand; if it's too large, you may want to find a smaller mouse. There are even adjustable-size mice.

Mouse Maneuvers – Website List

Mousercise

      http://www.pbclibrary.org/mousing/mousercise.htm

Mouserobics

      http://www.ckls.org/~crippel/computerlab/tutorials/mouse/page1.html

Mouse Practice

      http://www.unc.edu/depts/recreate/spot/activity/computer/mouse/page3.html

Scrolling Practice

      http://www.unc.edu/depts/recreate/spot/activity/computer/mouse/scroll2.html

Deal or No Deal

      http://www.nbc.com/Deal_or_No_Deal/game

Other Simple Mouse Games

      http://www.pbclibrary.org/mousing/games.htm

Box Game

      http://www.southcote.net/community_centre/boxesgame.htm

World Mouse Clicking Championships

      http://www.urban75.com/Mag/java7.html

Mouse Maneuvers -- Tips for Healthy Mouse Use

1 . Use your elbow-not your wrist-to move the mouse

Keeping your forearms in one place and using your wrists to "flick" the mouse can increase intracarpal pressure-leading to wrist and finger pain.

2. Limit the amount you use your tracking device

Take breaks every 15-20 minutes and change your position frequently.

3. Use keyboard shortcuts

Many of the commands available through menu choices can also be accomplished by using the keyboard. (For example, Ctrl-C can be used to copy text.) These shortcuts can significantly reduce the amount you need to move your mouse

4. If you surf the web or edit long documents, consider a mouse with a scroll wheel

Scrolling with a wheel instead of the entire mouse helps reduce repetitive arm motions

5. Don't click too hard!

Just like typing on a keyboard, some people tend to use excessive force when clicking the mouse or trackball buttons. A light touch will do-and it will help save your hands and wrists!

6. Make sure you're holding your mouse correctly

Believe it or not, there's a right and a wrong way to hold your mouse. Here are a few tips to help:

Avoid letting your fingers "hover" above the mouse or trackball buttons. Some people are always "poised and ready" to click, holding their fingers over the button even when they're not using it. This causes unnecessary stress on your fingers. When you're not ready to click, you don't need your fingers raised-give them a rest by letting them relax or lay gently on the button.

Use a light grip. Just like typing too hard on a keyboard, holding your mouse too tightly can lead to pain. Don't choke your mouse, it's already dead!

Don't hold the mouse when you're not using it. Some people seem glued to their mouse. If there's a short period where you won't be using your mouse, you don't need to hold onto it.

Keep your wrists in a straight or "neutral" position. Avoid tilting (up and down) or angling (side to side) your wrists.
7. Try using your other hand to operate the mouse

Switching hands, or "load sharing," limits the amount that each hand has to work. It may seem strange, but it takes most people just a few days to get used to the change.

8. If you use a trackball, consider placing padding or a rest under your elbow

This can help reduce the work your shoulder performs in keeping your arm raised. Make sure you use different fingers to operate the trackball-using just your thumb can lead to discomfort.

BUEHRER GROUP

Office 419-893-9021
Fax 419-893-9027
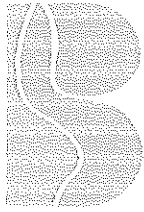
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ANDREW J. WELCH, A.I.A.
COREY ZACHEL, P.E.

March 5, 2010

Ms. Lisa Adkins
Ohio Historic Preservation Office
1982 Velma Avenue
Columbus, Ohio 43211-2497

Dear Lisa:

The TLCPL Kent Branch Library project involves interior and exterior renovations of an existing Library in the inner city of Toledo. Majority of work involved consists of extensive site and interior renovation work, but it is important to also note there is minimal work to be done on the exterior of the building as well as enclosing an existing courtyard. The square site borders West Central Ave. and Collingwood Blvd. and consists of the existing library, a parking lot, and minimal landscaping. The 106 review project summary form has been started but further assistance is needed in completing it.

The Toledo Lucas County Public Library and myself look forward to successfully completing this 106 Review and working with the Ohio Historic Preservation Office. Please feel free to contact me at your convenience.

With best regards,

Edward A. Glowacki, AIA, LEED AP
Buehrer Group Architecture & Engineering, Inc.

OHIO HISTORIC PRESERVATION OFFICE:
RESOURCE PROTECTION AND REVIEW

Section 106 Review - Project Summary Form

For projects requiring a license from the Federal Communications Commission, please use FCC Forms 620 or 621. DO NOT USE THIS FORM.

SECTION 1: GENERAL PROJECT INFORMATION

All contact information provided must include the name, address and phone number of the person listed. Email addresses should also be included, if available. Please refer to the Instructions or contact an OHPO reviewer (mailto:Section106@ohiohistory.org) If you need help completing this Form. Unless otherwise requested, we will contact the person submitting this Form with questions or comments about this project.

Date:**March 5, 2010**

Name/Affiliation of person submitting form:**Ed Glowacki / Architect**

Mailing Address:**314 Conant Street, Maumee, Ohio 43537**

Phone/Fax/Email:**(419) 893-9021 / (419) 893-9027 / ed@buehrergroup.com**

A. Project Info:

1. This Form provides information about:
New Project Submittal:
YES ⊠ NO ☐

Additional information relating to previously submitted project:
YES ☐ NO ⊠

OHPO/RPR Serial Number from previous submission:

2. Project Name (if applicable):
TLCPL Kent Branch Library Renovations

3. Internal tracking or reference number used by Federal Agency, consultant, and/or applicant to identify this project (if applicable):

1

B. Project Address or vicinity:
   3101 Collingwood Boulevard, Toledo, Ohio 43610

C. City/Township:
   Toledo

D. County:
   Lucas

E. Federal Agency and Agency Contact. *If you do not know the federal agency involved in your project, please contact the party asking you to apply for Section 106 Review, not OHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information.*

F. Type of Federal Assistance. *List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews.*

G. State Agency and Contact Person (if applicable):

H. Type of State Assistance:

I. Is this project being submitted at the direction of a state agency **solely** under Ohio Revised Code 149.53 or at the direction of a State Agency? *Answering yes to this question means that you are sure that <u>no</u> federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments only under ORC 149.53.*

   YES ☐ NO ☐

J. Public Involvement- Describe how the public has been/will be informed about this project and its potential to affect historic properties. Please summarize how they will have an opportunity to provide comments about any effects to historic properties. (This step is required for all projects under 36 CFR § 800.2):

K. Please list other consulting parties that you have contacted/will contact about this project, such as Indian Tribes, Certified Local Governments, local officials, property owners, or preservation groups. (See 36 CFR § 800.2 for more information about involving other consulting parties). Please summarize how they will have an opportunity to provide comments:

SECTION 2: PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)

Provide a description of your project, its site, and geographical information. You will also describe your project's Area of Potential Effects (APE). Please refer to the Instructions or contact an OHPO reviewer if you need help with developing the APE or completing this form.

For challenging projects, provide as much information as possible in all sections, and then check the box in Section 5.A. to ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties or if there may be challenging procedural issues related to your project. Please note that providing information to complete all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

A. Does this project involve any Ground-Disturbing activity: YES ☒ NO ☐
   (If **Yes**, you must complete all of Section 2.A. If **No**, proceed directly to Section 2. B.)

      1. General description of width, length and depth of proposed ground disturbing activity:

      2. Narrative description of previous land use and past ground disturbances, if known:

      3. Narrative description of current land use and conditions:

      4. Does the landowner know of any archaeological resources found on the property? YES ☐ NO ☒ If yes, please describe:

B. Submit the exact project site location on a USGS 7.5-minute topographic quadrangle map for all projects. Map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:
      1. USGS Quad Map Name:

      2. Township/City/Village Name:

C. Provide a street-level map indicating the location of the project site; road names must be identified and legible. Your map must show the exact location of the boundaries for the project site. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

D. Provide a verbal description of the APE, including a discussion of how the APE will include areas with the potential for direct and indirect effects from the project. Explain the steps taken to identify the project's APE, and your justification for the specific boundaries chosen:

E. Provide a detailed description of the project. This is a critical part of your submission. Your description should be prepared for a cold reader who may not be an expert in this type of project. The information provided must help support your analysis of effects to historic properties, not other types of project impacts. Do not simply include copies of environmental documents or other types of specialized project reports. If there are multiple project alternatives, you should include information about all alternatives that are still under active consideration:

SECTION 3: IDENTIFICATION OF HISTORIC PROPERTIES

Describe whether there are historic properties located within your project APE. To make that determination, use information generated from your own Background Research and Field Survey. Then choose one of the following options to report your findings. Please refer to the Instructions and/or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.

If you read the Instructions and you're still confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to skip this section, but provide as much supporting documentation as possible in all other Sections, then check the box in Section 5.A. to request preliminary comments from OHPO. After reviewing the information provided, OHPO will then offer comments as to which reporting option is best suited to document historic properties for your project. Please note that providing information to complete this Section will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

Recording the Results of Background Research and Field Survey:

A. **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please **attach copies** of emails/correspondence that document this agreement. You must explain how the project's potential to affect both archaeological and historic resources were considered.

B. **A table that includes the minimum information** listed in the OHPO Section 106 Documentation Table (which is generally equivalent to the information found on an inventory form). This information must be printed and mailed with the Project Summary Form. To provide sufficient information to complete this Section, you must also include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated in the project APE.

C. **OHI (Ohio Historic Inventory) or OAI (Ohio Archaeological Inventory) forms-** New or updated inventory forms may be prepared using the OHI pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. To provide sufficient information to complete this Section, you must include summary observations from your field survey and background research. You must also include eligibility determinations for each property that was evaluated in the project APE

D. **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should meet the Secretary of the Interior's Standards and Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms. To complete this section, your survey report must include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated within the APE.

E. **Project Findings.** Based on the conclusions you reached in completing Section 3, please choose one finding for your project. There are (mark one):
   ☐ Historic Properties Present in the APE:
   ☐ No Historic Properties Present in the APE:

4

<u>**SECTION 4: SUPPORTING DOCUMENTATION**</u>
This information must be provided for all projects.

A. Photographs must be keyed to a street-level map, and should be included as attachments to this application. Please label all forms, tables and CDs with the date of your submission and project name, as identified in Section 1. You must present enough documentation to clearly show existing conditions at your project site and convey details about the buildings, structures or sites that are described in your submission. Faxed or photocopied photographs are not acceptable. See instructions for more info about photo submissions or 36 CFR § 800.11 for federal documentation standards.
   1. Provide photos of the entire project site and take photos to/from historic properties from/towards your project site to support your determination of effect in Section 5.
   2. Provide current photos of all buildings/structures/sites described.
B. Project plan, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic properties.
C. Copies or summaries of any comments provided by consulting parties or the public.

<u>**SECTION 5: DETERMINATION OF EFFECT**</u>
A. **Request Preliminary Comments.** For challenging projects, provide as much information as possible in previous sections and ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project's potential to affect historic properties, or if there may be challenging procedural issues related to your project. Please be aware that providing information in all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

   1. We request preliminary comments from OHPO about this project:
      YES ☒ NO ☐

   2. Please specify as clearly as possible the particular issues that you would like OHPO to examine for your project (for example- help with developing an APE, addressing the concerns of consulting parties, survey methodology, etc.):

B. **Determination of Effect.** If you believe that you have gathered enough information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, while considering public comments. Please select and mark one of the following determinations, then explain the basis for your decision on an attached sheet of paper:

   ☐ **No historic properties will be affected** based on 36 CFR § 800.4(d) (1). Please explain how you made this determination:

   ☐ **No Adverse Effect** [36 CFR § 800.5(b)] on historic properties. This finding cannot be used if there are no historic properties present in your project APE. Please explain why the Criteria of Adverse Effect, [36 CFR Part 800.5(a) (1)], were found not to be applicable for your project:

☐ **Adverse Effect** [36 CFR § 800.5(d) (2)] on historic properties. Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a) (1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

Please print and mail completed form and supporting documentation to:

Ohio Historic Preservation Office
Attn: Mark J. Epstein, Department Head
Resource Protection and Review
1982 Velma Avenue
Columbus, OH 43211-2497

U.S. Fish & Wildlife Species List

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Birds	Arctic Peregrine Falcon (Falco		Recovery			
Birds	Bald eagle (Haliaeetus	lower 48 States	Recovery	Rock Island Ecological Services	Southwestern Bald Eagle	Final
Birds	Piping Plover (Charadrius	Great Lakes watershed	Endangered	East Lansing Ecological	Recovery Plan for the Great	Final
Clams	catspaw (Epioblasma obliquata	AL; Free-Flowing Reach of the	Experimental Population, Non-	Office Of The Regional Director		
Clams	Rayed Bean (Villosa fabalis)		Candidate	Columbus Ecological Services		
Flowering Plants	Eastern Prairie Fringed orchid		Threatened	Chicago Ecological Services	Eastern Prairie Fringed Orchid	Final
Insects	Karner Blue butterfly (Lycaeides		Endangered	Green Bay Ecological Services	Recovery Plan for the Karner	Final
Mammals	Indiana bat (Myotis sodalis)		Endangered	Bloomington Ecological	Indiana Bat (Myotis sodalis)	Draft Revision 1
Reptiles	Eastern Massasauga (Sistrurus		Candidate	Chicago Ecological Services		

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)
Indiana bat (Myotis sodalis)

**Kingdom: Animalia   Class: Mammalia   Order: Chiroptera
Family: Vespertilionidae**

Listing Status: Endangered

**Quick links: Federal Register (#status) Recovery (#recovery)
Critical Habitat (#crithab) Conservation Plans
(#conservationPlans) Petitions (#petitions) Life History
(#lifeHistory) Other Resources (#other)**
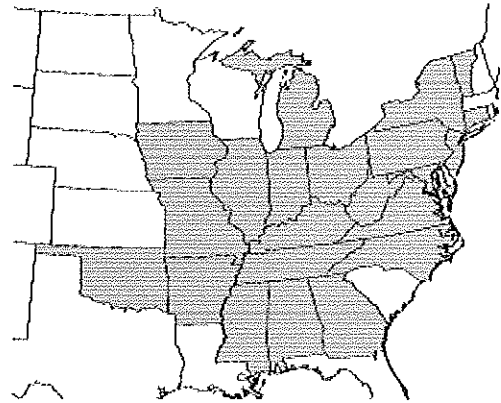
General Information

The Indiana bat is a medium-sized myotis, closely resembling the little brown bay (Myotis lucifugus) but differing in coloration. Its fur is a dull grayfish chestnut rather than bronze, with the basal portion of the hairs of the back dull lead colored. This bat's underparts are pinkish to cinnamon, and its hind feet smaller and more delicate than in M. lucifugus. The calcar (heel of the foot) is strongly keeled.

**Lead Region: Great Lakes-Big Rivers Region (Region 3) (http://www.fws.gov/midwest/)
Date Listed:** Mar 11, 1967

> **States/US Territories** in which the Indiana bat is known to occur: Arkansas
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Arkansas) , Connecticut
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Connecticut) , Georgia
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Georgia) , Illinois
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Illinois) , Indiana
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Indiana) , Iowa
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Iowa) , Kentucky
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Kentucky) , Maryland
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Maryland) , Michigan
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Michigan) , Mississippi
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Mississippi) , Missouri
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Missouri) , New Jersey
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=New Jersey) , New York
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=New York) , North Carolina
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=North Carolina) , Ohio
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Ohio) , Oklahoma
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Oklahoma) , Pennsylvania
> (/speciesProfile/profile/countiesByState.action?entityId=1&state=Pennsylvania) , Tennessee

(/speciesProfile/profile/countiesByState.action?entityId=1&state=Virginia) , **West Virginia**
(/speciesProfile/profile/countiesByState.action?entityId=1&state=West Virginia)
US Counties in which the Indiana bat is known to occur: View All
(/speciesProfile/profile/countiesBySpecies.action?entityId=1)
USFWS Refuges in which the Indiana bat is known to occur: BIG MUDDY NATIONAL FISH AND
WILDLIFE REFUGE , BIG OAKS NATIONAL WILDLIFE REFUGE , CLARKS RIVER NATIONAL
WILDLIFE REFUGE , CROSS CREEKS NATIONAL WILDLIFE REFUGE , CYPRESS CREEK
NATIONAL WILDLIFE REFUGE **... Show All Refuges** (javascript:toggleRefuges('on'))

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 6 : view all
(/speciesProfile/profile/displayAllDocuments!fedreg.action?spcode=A000))

Date	Citation Page	Title
04/16/2007	72 FR 19015 19016	Draft Indiana Bat Recovery Plan, First Revision; Draft Survey Protocol (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr16ap07-120)
03/06/2007	72 FR 9913 9917	90-Day and 12-Month Findings on a Petition To Revise Critical Habitat for the Indiana Bat (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06mr07-21)
09/21/2006	71 FR 55212 55214	Endangered and Threatened Wildlife and Plants; Initiation of a 5-Year Review of Curtis' Pearlymussel and Indiana Bat (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr21se06-63)
09/24/1976	41 FR 41914	Determination of Critical Habitat for American Crocodile, California Condor, Indiana Bat, and Florida Manatee; 41 FR 41914 (American crocodile, Crocodylus acutus, California condor, Gymnogyps californianus; Indiana bat, Myotis sodalis; Florida manatee, Trichechus manatus) (http://ecos.fws.gov/docs/federal_register/fr115.pdf)
12/16/1975	40 FR 58308 58312	Proposed Determination of Critical Habitat for Snail Darter, American Crocodile, Whooping Crane, California Condor, Indiana Bat, and Florida Manatee; 40 FR 58308 58312 (Percina (Imostoma) sp., Crocodylus acutus, Grus americana, Gymnogyps californicus, Myotis sodalis, Trichechus manatus) (http://ecos.fws.gov/docs/federal_register/fr83.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom
Queries.Public Actions AdHoc)
• Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan Sta
04/16/2007	Indiana Bat (Myotis sodalis) Draft Recovery Plan: First Revision	View Implementation Progress (/roar/pub/planImplementationStatus.action?	Draft Revision

Date	Citation Page	Title	Document Type
04/16/2007	72 FR 19015 19016	Draft Indiana Bat Recovery Plan, First Revision; Draft Survey Protocol (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr16ap07-120)	• Notice Draft Recovery Plan Availability
09/21/2006	71 FR 55212 55214	Endangered and Threatened Wildlife and Plants; Initiation of a 5-Year Review of Curtis' Pearlymussel and Indiana Bat (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr21se06-63)	• Notice 5-year Review, Initiation

Five Year Review

Date	Title
09/29/2009	Indiana bat completed 5-yr review (/docs/five_year_review/doc2627.pdf)

» Critical Habitat

Current Critical Habitat Documents (Showing 2 of 2)

Date	Citation Page	Title	Document Type	Status
09/24/1976	41 FR 41914	Determination of Critical Habitat for American Crocodile, California Condor, Indiana Bat, and Florida Manatee; 41 FR 41914 (American crocodile, Crocodylus acutus, California condor, Gymnogyps californianus; Indiana bat, Myotis sodalis; Florida manatee, Trichechus manatus) (http://ecos.fws.gov/docs/federal_register/fr115.pdf)	Final Rule	Active
12/16/1975	40 FR 58308 58312	Proposed Determination of Critical Habitat for Snail Darter, American Crocodile, Whooping Crane, California Condor, Indiana Bat, and Florida Manatee; 40 FR 58308 58312 (Percina (Imostoma) sp., Crocodylus acutus, Grus americana, Gymnogyps californicus, Myotis sodalis, Trichechus manatus) (http://ecos.fws.gov/docs/federal_register/fr83.pdf)	Proposed Rule	Not Required

To learn more about critical habitat please see http://criticalhabitat.fws.gov (http://criticalhabitat.fws.gov)

» Conservation Plans

Habitat Conservation Plans (HCP) (learn more (/docs/conservation_plans/HCP_Incidental_Take.pdf))
(Showing 1 of 1)

HCP Plan Summaries
Six Points Road Interchange (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1224&region=3&type=HCP&rtype=1)

» Petitions

Date	Citation Page	Title	Finding
03/06/2007	72 FR 9913 9917	90-Day and 12-Month Findings on a Petition To Revise Critical Habitat for the Indiana Bat (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06mr07-21)	• Notice 12 month petition finding, Not warranted • Notice 90-day Petition Finding, Not substantial

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

ITIS Reports (javascript:;) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)
Piping Plover (Charadrius melodus)

**Kingdom: Animalia   Class: Aves   Order: Ciconiiformes
Family: Charadriidae**

Listing Status: Endangered and Threatened

**Quick links: Federal Register (#status)   Action Plans
(#actionPlans)   Recovery (#recovery)   Critical Habitat (#crithab)
Conservation Plans (#conservationPlans)   Petitions (#petitions)
Life History (#lifeHistory)   Other Resources (#other)**
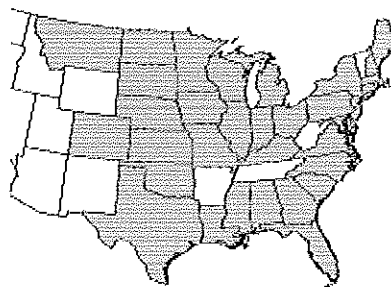
General Information

Size: 18 cm (7.25 in) in length. Color: Breeding season: Pale brown above, lighter below; black band across forehead; bill orange with black tip; legs orange; white rump. Male: Complete or incomplete black band encircles the body at the breast. Female: Paler head band; incomplete breast band. Winter coloration: Bill black; all birds lack breast band and head band.

Population detail

The FWS is currently monitoring the following populations of the Piping Plover

- **Population location:** Great Lakes watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Canada (Ont.)
  Listing status: Endangered
     States/US Territories in which this population is known to occur: Illinois
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Illinois) , Indiana
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Indiana) , Michigan
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Michigan) , Minnesota
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Minnesota) , New York
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=New York) , Ohio
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Ohio) , Pennsylvania
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Pennsylvania) , Wisconsin
     (/speciesProfile/profile/countiesByState.action?entityId=130&state=Wisconsin)
     US Counties in which this population is known to occur: View All
     (/speciesProfile/profile/countiesBySpecies.action?entityId=130)
     USFWS Refuges in which this population is known to occur: AMAGANSETT NATIONAL WILDLIFE REFUGE , ELIZABETH ALEXANDRA MORTON NATIONAL WILDLIFE REFUGE , FERGUS FALLS WETLAND MANAGEMENT DISTRICT , MORRIS WETLAND MANAGEMENT

For more information: http://ecos.fws.gov/docs/life_histories/B079.html
(http://ecos.fws.gov/docs/life_histories/B079.html)
- **Population location:** Entire, except those areas where listed as endangered above
  Listing status: Threatened

  States/US Territories in which this population is known to occur: Alabama
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Alabama) , Colorado
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Colorado) , Connecticut
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Connecticut) , Delaware
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Delaware) , Florida
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Florida) , Georgia
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Georgia) , Indiana
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Indiana) , Iowa
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Iowa) , Kansas
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Kansas) , Kentucky
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Kentucky) , Louisiana
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Louisiana) , Maine
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Maine) , Maryland
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Maryland) , Massachusetts
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Massachusetts) , Minnesota
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Minnesota) , Mississippi
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Mississippi) , Missouri
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Missouri) , Montana
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Montana) , Nebraska
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Nebraska) , New Hampshire
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=New Hampshire) , New Jersey
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=New Jersey) , New Mexico
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=New Mexico) , New York
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=New York) , North Carolina
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=North Carolina) , North Dakota
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=North Dakota) , Ohio
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Ohio) , Oklahoma
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Oklahoma) , Puerto Rico
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Puerto Rico) , Rhode Island
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Rhode Island) , South Carolina
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=South Carolina) , South Dakota
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=South Dakota) , Texas
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Texas) , Virginia
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Virginia) , Wisconsin
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Wisconsin) , Wyoming
  (/speciesProfile/profile/countiesByState.action?entityId=131&state=Wyoming)
  US Counties in which this population is known to occur: View All
  (/speciesProfile/profile/countiesBySpecies.action?entityId=131)
  USFWS Refuges in which this population is known to occur: ANAHUAC NATIONAL WILDLIFE
  REFUGE , ARANSAS NATIONAL WILDLIFE REFUGE , ARROWWOOD NATIONAL WILDLIFE
  REFUGE , AUDUBON NATIONAL WILDLIFE REFUGE , AUDUBON WETLAND MANAGEMENT
  DISTRICT ... Show All Refuges (javascript:toggleRefuges('on'))

For more information: http://ecos.fws.gov/docs/life_histories/B079.html
(http://ecos.fws.gov/docs/life_histories/B079.html)

Current Listing Status Summary

Status	Date Listed	Lead Region	Where Listed
Endangered	12/11/1985	Great Lakes-Big Rivers Region (Region 3) (http://www.fws.gov/midwest/)	Great Lakes watershed
Threatened	12/11/1985	Northeast Region (Region 5) (http://www.fws.gov/northeast/)	except Great Lakes watershed

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 28 : view all
(/speciesProfile/profile/displayAllDocuments!fedreg.action?spcode=B079))

Date	Citation Page	Title
05/19/2009	74 FR 23475 23600	Revised Designation of Critical Habitat for the Wintering Population of the Piping Plover (Charadrius melodus) in Texas (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr19my09-12)
10/21/2008	73 FR 62815 62841	Revised Designation of Critical Habitat for the Wintering Population of the Piping Plover (Charadrius melodus) in North Carolina; Final Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr21oc08-8)
09/30/2008	73 FR 56860 56862	Endangered and Threatened Wildlife and Plants; 5-Year Review - Notice of initiation of review; request for information on the piping plover (Charadrius melodus). (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr30se08-89)
06/09/2008	73 FR 32629	Correction to Revised Designation of Critical Habitat for the Wintering Population of the Piping Plover (Charadrius melodus) in Texas (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr09jn08-107)
05/20/2008	73 FR 29293 29321	Revised Designation of Critical Habitat for the Wintering Population of the Piping Plover (Charadrius melodus) in Texas: Proposed rule. (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr20my08-27)

» Action Plans

Action Plans (Showing 1 of 1)

Date	Title
10/01/2009	Great Lakes piping plover spotlight species action plan (/docs/action_plans/doc3033.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc)

- Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan St
05/12/1988	Great Lakes & Northern Great Plains Piping Plover (http://ecos.fws.gov/docs/recovery_plan/880512.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=1002549)	Final
05/02/1996	Piping Plover Atlantic Coast Population Revised Recovery Plan (http://ecos.fws.gov/docs/recovery_plan/960502.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=1000797)	Final Revisio
09/16/2003	Recovery Plan for the Great Lakes population of Piping Plovers (http://ecos.fws.gov/docs/recovery_plan/030916a.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=100006)	Final

Other Recovery Documents (Showing 5 of 6 : view all (/speciesProfile/profile/displayAllDocuments/otherRecovery.action?spcode=B079))

Date	Citation Page	Title	Document Type
09/30/2008	73 FR 56860 56862	Endangered and Threatened Wildlife and Plants; 5-Year Review - Notice of initiation of review; request for information on the piping plover (Charadrius melodus). (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr30se08-89)	• Notice 5-year Review, Initiation
09/16/2003	68 FR 54241 54242	Approved Recovery Plan for the Great Lakes Piping Plover (Charadrius melodus) (http://ecos.fws.gov/docs/federal_register/fr4176.pdf)	• Notice Final Recovery Plan Availability
08/05/2002	67 FR 50687 50688	Notice of Availability of the Piping Plover (Charadrius melodus) Great Lakes Population Draft Recovery Plan for Review and Comment (http://ecos.fws.gov/docs/federal_register/fr3962.pdf)	• Notice Draft Recovery Plan Availability
12/28/2001	66 FR 67165 67166	ETWP; Proposed Designation of Critical Habitat for the Northern Great Plains Breeding Population of the Piping Plover; Reopening of Public Comment Period and Notice of Availability of Draft Economic Analysis (http://ecos.fws.gov/docs/federal_register/fr3830.pdf)	• Notice Doc. Availability Notice Reopen Comment • Proposed Critical Habitat, Critical habitat--birds
09/19/2000	65 FR 56530 56531	Reopening of Comment Period and Notice of Availability of Draft Economic Analysis on Proposed Critical Habitat Designation for the Great Lakes Breeding Population of the Piping Plover (http://ecos.fws.gov/docs/federal_register/fr3648.pdf)	• Notice Doc. Availability • Notice Reopen Comment

Five Year Review

Date	Title
09/29/2009	Piping Plover (Charadrius melodus) 5-Year Review (/docs/five_year_review/doc3009.pdf)

» Critical Habitat

**Current Critical Habitat Documents (Showing 5 of 12 : <u>view all (/speciesProfile/profile/displayAllDocuments!</u>
<u>crithab.action?spcode=B079))</u>**

Date	Citation Page	Title	Document Type	Status
05/19/2009	74 FR 23475 23600	<u>Revised Designation of Critical Habitat for the</u> <u>Wintering Population of the Piping Plover</u> <u>(Charadrius melodus) in Texas</u> <u>(http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?</u> <u>dbname=2009_register&docid=fr19my09-12)</u>	Final Rule	Active
10/21/2008	73 FR 62815 62841	<u>Revised Designation of Critical Habitat for the</u> <u>Wintering Population of the Piping Plover</u> <u>(Charadrius melodus) in North Carolina; Final</u> <u>Rule (http://frwebgate.access.gpo.gov/cgi-</u> <u>bin/getdoc.cgi?</u> <u>dbname=2008_register&docid=fr21oc08-8)</u>	Final Rule	Not Required
05/20/2008	73 FR 29293 29321	<u>Revised Designation of Critical Habitat for the</u> <u>Wintering Population of the Piping Plover</u> <u>(Charadrius melodus) in Texas; Proposed rule.</u> <u>(http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?</u> <u>dbname=2008_register&docid=fr20my08-27)</u>	Proposed Rule	Not Required
09/11/2002	67 FR 57637 57717	<u>Endangered and Threatened Wildlife and Plants;</u> <u>Designation of Critical Habitat for the Northern</u> <u>Great Plains Breeding Population of the Piping</u> <u>Plover; Final Rule</u> <u>(http://ecos.fws.gov/docs/federal_register/fr3943.pdf)</u>	Final Rule	Not Required
12/28/2001	66 FR 67165 67166	<u>ETWP; Proposed Designation of Critical Habitat</u> <u>for the Northern Great Plains Breeding</u> <u>Population of the Piping Plover; Reopening of</u> <u>Public Comment Period and Notice of</u> <u>Availability of Draft Economic Analysis</u> <u>(http://ecos.fws.gov/docs/federal_register/fr3830.pdf)</u>	Proposed Rule	Not Required

To learn more about critical habitat please see <u>http://criticalhabitat.fws.gov (http://criticalhabitat.fws.gov)</u>

» Conservation Plans

Habitat Conservation Plans (HCP) (<u>learn more (/docs/conservation_plans/HCP_Incidental_Take.pdf)</u>)
(Showing 3 of 3)

HCP Plan Summaries
<u>Magic Carpet Woods Association (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?</u> <u>plan_id=1075&region=3&type=HCP&rtype=1)</u>
<u>Piping Plover HCP (State of Massachusetts)</u> <u>(http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?</u> <u>plan_id=375&region=5&type=HCP&rtype=1)</u>

HCP Plan Summaries
Volusia Beaches (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3191&region=4&type=HCP&rtype=1)

» Petitions

No petition findings have been published for the Piping Plover.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

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Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)
Eastern Massasauga (Sistrurus catenatus catenatus)

**Kingdom: Animalia   Class: Reptilia   Order: Squamata
Family: Viperidae**

Listing Status: Candidate

**Quick links: Candidate Info (#candidate)   Federal Register
(#status)   Conservation Plans (#conservationPlans)   Petitions
(#petitions)   Life History (#lifeHistory)   Other Resources (#other)**
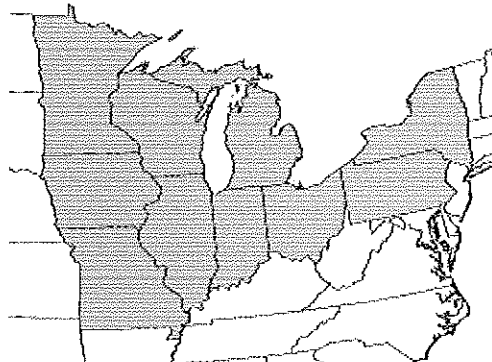
General Information

Massasaugas are small snakes with thick bodies, heart-shaped heads and vertical pupils. The average length of an adult is about 2 feet. Adult massasaugas are gray or light brown with large, light-edged chocolate brown blotches on the back and smaller blotches on the sides. The snake's belly is marbled dark gray or black and there is a narrow, white stripe on its head. Its tail has several dark brown rings and is tipped by gray-yellow horny rattles. Young snakes have the same markings, but are more vividly colored. The head is a triangular shape and the pupils are vertical.

Lead Region: Great Lakes-Big Rivers Region (Region 3) (http://www.fws.gov/midwest/)

> **States/US Territories** in which the Eastern Massasauga is known to occur: Illinois
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Illinois) , Indiana
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Indiana) , Iowa
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Iowa) , Michigan
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Michigan) , Minnesota
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Minnesota) , Missouri
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Missouri) , New York
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=New York) , Ohio
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Ohio) , Pennsylvania
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Pennsylvania) , Wisconsin
> (/speciesProfile/profile/countiesByState.action?entityId=7800&state=Wisconsin)
> **US Counties** in which the Eastern Massasauga is known to occur: View All
> (/speciesProfile/profile/countiesBySpecies.action?entityId=7800)
> **Countries** in which the the Eastern Massasauga is known to occur: Canada
> **For more information: http://www.fws.gov/midwest/Endangered/reptiles/eama-fct-sht.html
> (http://www.fws.gov/midwest/Endangered/reptiles/eama-fct-sht.html)**

» Candidate Information

Current Candidate Status

Listing Priority: 9
Magnitude: Moderate to Low
Immediacy: Imminent
Taxonomy: Subspecies/population
Species Assessment Form for the Eastern Massasauga -- 85Kb.
(http://ecos.fws.gov/docs/candforms_pdf/r3/C03P_V01.pdf)

Candidate Notice of Review Documents (Showing 5 of 10 : view all
(/speciesProfile/profile/displayAllDocuments!cnor.action?spcode=C03P))

Date	Citation Page	Title
11/09/2009	74 FR 57803 57878	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr09no09-23)
12/10/2008	73 FR 75175 75244	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr10de08-26)
12/06/2007	72 FR 69033 69106	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06de07-20)
09/12/2006	71 FR 53755 53835	Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr12se06-28)
05/11/2005	70 FR 24869 24934	Endangered and Threatened Wildlife and Plants; Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://ecos.fws.gov/docs/federal_register/fr4410.pdf)

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 10 : view all
(/speciesProfile/profile/displayAllDocuments!fedreg.action?spcode=C03P))

Date	Citation Page	Title
		Review of Native Species That Are Candidates for Listing as Endangered

Date	Citation Page	Title
12/10/2008	73 FR 75175 75244	(http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr09no09-23) Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr10de08-26)
12/06/2007	72 FR 69033 69106	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06de07-20)
09/12/2006	71 FR 53755 53835	Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr12se06-28)
05/11/2005	70 FR 24869 24934	Endangered and Threatened Wildlife and Plants; Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://ecos.fws.gov/docs/federal_register/fr4410.pdf)

» Action Plans

Action Plans (Showing 1 of 1)

Date	Title
	Eastern massasauga action plan (/docs/action_plans/doc2989.pdf)

» Conservation Plans

Candidate Conservation Agreements with Assurances (CCAA): (learn more (/docs/conservation_plans/CCAANonFederal.pdf)) (Showing 1 of 1)

CCAA Plan Summaries
Eastern massasauga rattlesnake CCAA for Rome State Nature Preserve, Ashtabula County, Ohio (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3836&region=3&type=CCAA&rtype=1)

» Petitions

No petition findings have been published for the Eastern Massasauga.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript::) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

ITIS Reports (javascript::) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)
Karner Blue butterfly (Lycaeides melissa samuelis)

Listing Status: Endangered

Quick links: Federal Register (#status)   Action Plans
(#actionPlans)   Recovery (#recovery)   Critical Habitat (#crithab)
Conservation Plans (#conservationPlans)   Petitions (#petitions)
Life History (#lifeHistory)   Other Resources (#other)

Lead Region: Great Lakes-Big Rivers Region (Region 3)
(http://www.fws.gov/midwest/)
Date Listed: Dec 14, 1992
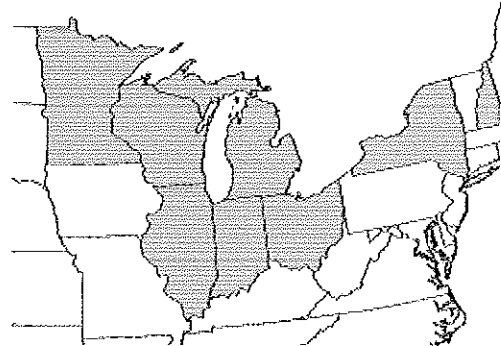
States/US Territories in which the Karner Blue butterfly is known to occur: Illinois
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Illinois) , Indiana
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Indiana) , Michigan
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Michigan) , Minnesota
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Minnesota) , New Hampshire
(/speciesProfile/profile/countiesByState.action?entityId=420&state=New Hampshire) , New York
(/speciesProfile/profile/countiesByState.action?entityId=420&state=New York) , Ohio
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Ohio) , Wisconsin
(/speciesProfile/profile/countiesByState.action?entityId=420&state=Wisconsin)
US Counties in which the Karner Blue butterfly is known to occur: View All
(/speciesProfile/profile/countiesBySpecies.action?entityId=420)
USFWS Refuges in which the Karner Blue butterfly is known to occur: LEOPOLD WETLAND
MANAGEMENT DISTRICT , NECEDAH NATIONAL WILDLIFE REFUGE , ST. CROIX WETLAND
MANAGEMENT DISTRICT
Countries in which the the Karner Blue butterfly is known to occur: Canada

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 7 : view all
(/speciesProfile/profile/displayAllDocumentsIfedreg.action?spcode=I00F))

Date	Citation Page	Title
03/18/2009	74 FR 11600 11602	Notice of initiation of review; request for information on nine listed Midwestern species (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009 register&docid=fr18mr09-76)
02/22/2005	70 FR 8602 8603	Proposed Low Effect Habitat Conservation Plan for Michigan Electric Transmission Company, LLC (http://frwebgate.access.gpo.gov/cgi-

Date	Citation Page	Title
09/19/2003	68 FR 54913 54914	Notice of Availability of the Approved Recovery Plan for the Karner Blue Butterfly (Lycaeides melissa samuelis) (http://ecos.fws.gov/docs/federal_register/fr4178.pdf)
12/05/2001	66 FR 63248 63249	Notice of Availability of the Karner Blue Butterfly (Lycaeides melissa samuelis) Technical/Agency Draft Recovery Plan for Review and Comment (http://ecos.fws.gov/docs/federal_register/fr3827.pdf)
12/14/1992	57 FR 59236 59244	ETWP; Determination of Endangered Status for the Karner Blue Butterfly; 57 FR 59236 59244 (http://ecos.fws.gov/docs/federal_register/fr2183.pdf)

» Action Plans

Action Plans (Showing 1 of 1)

Date	Title
10/01/2009	Karner blue butterfly spotlight species action plan (/docs/action_plans/doc3035.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc)

- Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan Stat
09/19/2003	Recovery Plan for the Karner Blue Butterfly (http://ecos.fws.gov/docs/recovery_plan/030919.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=100007)	Final

Other Recovery Documents (Showing 3 of 3)

Date	Citation Page	Title	Document Type
03/18/2009	74 FR 11600 11602	Notice of initiation of review; request for information on nine listed Midwestern species (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr18mr09-76)	• Notice 5-year Review, Initiation
09/19/2003	68 FR 54913 54914	Notice of Availability of the Approved Recovery Plan for the Karner Blue Butterfly (Lycaeides melissa samuelis) (http://ecos.fws.gov/docs/federal_register/fr4178.pdf)	Notice Final Recovery Plan Availability
12/05/2001	66 FR 63248 63249	Notice of Availability of the Karner Blue Butterfly (Lycaeides melissa samuelis) Technical/Agency Draft Recovery Plan for Review and Comment (http://ecos.fws.gov/docs/federal_register/fr3827.pdf)	• Notice Draft Recovery Plan Availability

» Critical Habitat

Current Critical Habitat Documents (Showing 2 of 2)

Date	Citation Page	Title	Document Type	Status
07/03/1978	43 FR 28938 28945	Proposed Endangered or Threatened Status with Critical Habitat For Ten Butterflies or Moths (http://ecos.fws.gov/docs/federal_register/fr224.pdf)	Proposed Rule	Active
07/03/1978	43 FR 28938 28945	Proposed Endangered or Threatened Status with Critical Habitat For Ten Butterflies or Moths (http://ecos.fws.gov/docs/federal_register/fr224.pdf)	Proposed Rule	Not Required

To learn more about critical habitat please see http://criticalhabitat.fws.gov (http://criticalhabitat.fws.gov)

» Conservation Plans

Habitat Conservation Plans (HCP) (learn more (/docs/conservation_plans/HCP_Incidental_Take.pdf))

(Showing 5 of 5)

HCP Plan Summaries
Cobb to Brickyard Reconductoring Project (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3645&region=3&type=HCP&rtype=1)
Michigan Statewide Karner blue butterfly HCP (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1227&region=3&type=HCP&rtype=1)
NIPSCO (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3423&region=3&type=HCP&rtype=1)
State-Wide Karner Blue/Wisconsin DNR (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=273&region=3&type=HCP&rtype=1)
Town of Rome (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=271&region=3&type=HCP&rtype=1)

Safe Harbor Agreements (SHA): (learn more (/docs/conservation_plans/SafeHarbor.pdf)) (Showing 1 of 1)

SHA Plan Summaries
Indiana Karner blue butterfly SHA (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1229&region=3&type=SHA&rtype=1)

» Petitions

No petition findings have been published for the Karner Blue butterfly.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript::) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the

ITIS Reports (javascript:;) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)

Rayed Bean (Villosa fabalis)

**Kingdom: Animalia   Class: Bivalvia   Order: Unionoida
Family: Unionidae**

Listing Status: Candidate

Quick links: Candidate Info (#candidate)   Federal Register
(#status) Conservation Plans (#conservationPlans) Petitions
(#petitions) Life History (#lifeHistory) Other Resources (#other)

Lead Region: Great Lakes-Big Rivers Region (Region 3)
(http://www.fws.gov/midwest/)
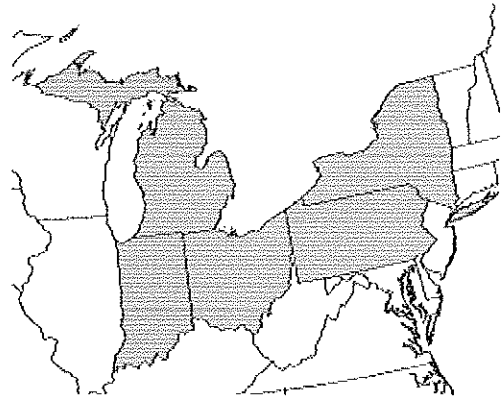
> **States/US Territories** in which the Rayed Bean is known to
> occur: Indiana (/speciesProfile/profile/countiesByState.action?entityId=6062&state=Indiana) , Michigan
> (/speciesProfile/profile/countiesByState.action?entityId=6062&state=Michigan) , New York
> (/speciesProfile/profile/countiesByState.action?entityId=6062&state=New York) , Ohio
> (/speciesProfile/profile/countiesByState.action?entityId=6062&state=Ohio) , Pennsylvania
> (/speciesProfile/profile/countiesByState.action?entityId=6062&state=Pennsylvania) , Virginia
> (/speciesProfile/profile/countiesByState.action?entityId=6062&state=Virginia)
> **US Counties** in which the Rayed Bean is known to occur: View All
> (/speciesProfile/profile/countiesBySpecies.action?entityId=6062)
> **Countries** in which the the Rayed Bean is known to occur: Canada

» Candidate Information

Current Candidate Status

Listing Priority: 2
Magnitude: High
Immediacy: Imminent
Taxonomy: Species
Species Assessment Form for the Rayed Bean -- 114Kb.
(http://ecos.fws.gov/docs/candforms_pdf/r3/F01A_I01.pdf)

Candidate Notice of Review Documents (Showing 5 of 10 : view all
(/speciesProfile/profile/displayAllDocumentsIcnor.action?spcode=F01A))

Date	Citation Page	Title
11/09/2009	74 FR 57803 57878	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions

Date	Citation Page	Title
12/10/2008	73 FR 75175 75244	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr10de08-26)
12/06/2007	72 FR 69033 69106	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06de07-20)
09/12/2006	71 FR 53755 53835	Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr12se06-28)
05/11/2005	70 FR 24869 24934	Endangered and Threatened Wildlife and Plants; Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://ecos.fws.gov/docs/federal_register/fr4410.pdf)

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 10 : <u>view all</u>
(/speciesProfile/profile/displayAllDocuments!fedreg.action?spcode=F01A))

Date	Citation Page	Title
11/09/2009	74 FR 57803 57878	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr09no09-23)
12/10/2008	73 FR 75175 75244	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr10de08-26)
12/06/2007	72 FR 69033 69106	Review of Native Species That Are Candidates for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr06de07-20)
09/12/2006	71 FR 53755 53835	Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?

Date	Citation Page	Title
05/11/2005	70 FR 24869 24934	Endangered and Threatened Wildlife and Plants; Review of Native Species That Are Candidates or Proposed for Listing as Endangered or Threatened; Annual Notice of Findings on Resubmitted Petitions; Annual Description of Progress on Listing Actions; Proposed Rule (http://ecos.fws.gov/docs/federal_register/fr4410.pdf)

» Conservation Plans

No conservation plans have been created for Rayed Bean

» Petitions

No petition findings have been published for the Rayed Bean.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

ITIS Reports (javascript:;) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile

Environmental Conservation Online System

(http://www.fws.gov)

Eastern Prairie Fringed orchid

(Platanthera leucophaea)

Kingdom: Plantae   Class: Liliopsida   Order: Orchidales
Family: Orchidaceae

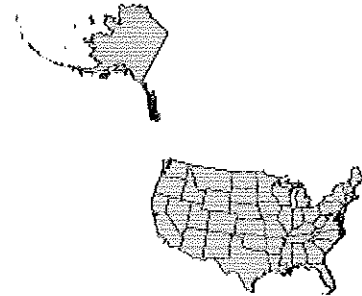**Listing Status: Threatened**

Quick links: Federal Register (#status)   Recovery (#recovery)
  Critical Habitat (#crithab)   Conservation Plans
(#conservationPlans)   Petitions (#petitions)   Life History
(#lifeHistory)   Other Resources (#other)
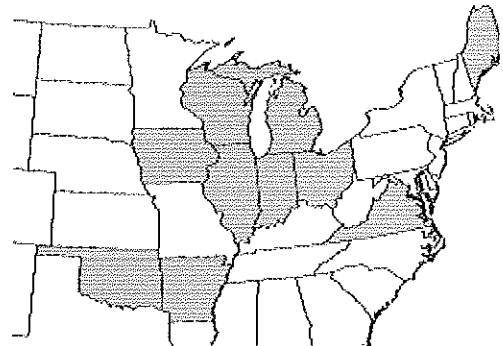
Lead Region: Great Lakes-Big Rivers Region (Region 3) (http://www.fws.gov/midwest/)
Date Listed: Sep 28, 1989

     States/US Territories in which the Eastern Prairie Fringed orchid is known to occur: Arkansas
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Arkansas) , Illinois
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Illinois) , Indiana
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Indiana) , Iowa
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Iowa) , Maine
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Maine) , Michigan
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Michigan) , Ohio
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Ohio) , Oklahoma
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Oklahoma) , Virginia
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Virginia) , Wisconsin
(/speciesProfile/profile/countiesByState.action?entityId=984&state=Wisconsin)
US Counties in which the Eastern Prairie Fringed orchid is known to occur: View All
(/speciesProfile/profile/countiesBySpecies.action?entityId=984)
USFWS Refuges in which the Eastern Prairie Fringed orchid is known to occur: CEDAR POINT
NATIONAL WILDLIFE REFUGE , LEOPOLD WETLAND MANAGEMENT DISTRICT , OTTAWA
NATIONAL WILDLIFE REFUGE
Countries in which the the Eastern Prairie Fringed orchid is known to occur: Canada

» Federal Register Documents

Most Recent Federal Register Documents (Showing 3 of 3)

Date	Citation Page	Title
07/27/2007	72 FR 41348 41350	Initiation of 5-Year Reviews of Three Wildlife Species and Two Plant Species in the Midwest Region (http://frwebgate.access.gpo.gov/cgi-

Date	Citation Page	Title
09/28/1989	54 FR 39857 39863	ETWP; Determination of Threatened Status for Eastern and Western Prairie Fringed Orchids; 54 FR 39857 39863 (http://ecos.fws.gov/docs/federal_register/fr1602.pdf)
10/11/1988	53 FR 39621 39626	Proposal to Determine Platanthera leucophaea (Eastern Prairie Fringed Orchid) & Plantanthera praeclara (Western Prairie Fringed Orchid) to be Thr. Species; 53 FR 39621-39626 (http://ecos.fws.gov/docs/federal_register/fr1494.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc)
- Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan Sta
09/29/1999	Eastern Prairie Fringed Orchid (http://ecos.fws.gov/docs/recovery_plan/990929.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=100028)	Final

Other Recovery Documents (Showing 1 of 1)

Date	Citation Page	Title	Document Type
07/27/2007	72 FR 41348 41350	Initiation of 5-Year Reviews of Three Wildlife Species and Two Plant Species in the Midwest Region (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr27jy07-71)	• Notice 5-year Review, Initiation

» Critical Habitat

No critical habitat rules have been published for the Eastern Prairie Fringed orchid.

» Conservation Plans

No conservation plans have been created for Eastern Prairie Fringed orchid

» Petitions

No petition findings have been published for the Eastern Prairie Fringed orchid.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative

common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

ITIS Reports (javascript:;) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)

Arctic Peregrine Falcon (Falco peregrinus tundrius)

**Kingdom: Animalia   Class: Aves   Order: Ciconiiformes
Family: Falconidae**

Listing Status: Recovery

Quick links: Federal Register (#status)   Recovery (#recovery)
Critical Habitat (#crithab)   Conservation Plans
(#conservationPlans)   Petitions (#petitions)   Life History
(#lifeHistory)   Other Resources (#other)

Lead Region: Alaska Region (Region 7) (http://alaska.fws.gov/)
Date Delisted:

States/US Territories in which the Arctic Peregrine Falcon is known to occur: Alabama
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Alabama) , Alaska
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Alaska) , Arizona
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Arizona) , Arkansas
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Arkansas) , California
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=California) , Colorado
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Colorado) , Connecticut
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Connecticut) , Delaware
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Delaware) , District of Columbia
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=District of Columbia) , Florida
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Florida) , Georgia
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Georgia) , Hawaii
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Hawaii) , Idaho
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Idaho) , Illinois
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Illinois) , Indiana
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Indiana) , Iowa
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Iowa) , Kansas
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Kansas) , Kentucky
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Kentucky) , Louisiana
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Louisiana) , Maine
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Maine) , Maryland
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Maryland) , Massachusetts
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Massachusetts) Michigan

(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Minnesota) , **Mississippi**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Mississippi) , **Missouri**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Missouri) , **Montana**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Montana) , **Nebraska**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Nebraska) , **Nevada**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Nevada) , **New Hampshire**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=New Hampshire) , **New Jersey**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=New Jersey) , **New Mexico**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=New Mexico) , **New York**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=New York) , **North Carolina**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=North Carolina) , **North Dakota**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=North Dakota) , **Ohio**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Ohio) , **Oklahoma**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Oklahoma) , **Oregon**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Oregon) , **Pennsylvania**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Pennsylvania) , **Puerto Rico**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Puerto Rico) , **Rhode Island**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Rhode Island) , **South Carolina**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=South Carolina) , **South Dakota**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=South Dakota) , **Tennessee**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Tennessee) , **Texas**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Texas) , **Utah**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Utah) , **Vermont**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Vermont) , **Virgin Islands**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Virgin Islands) , **Virginia**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Virginia) , **Washington**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Washington) , **West Virginia**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=West Virginia) , **Wisconsin**
(/speciesProfile/profile/countiesByState.action?entityId=2581&state=Wisconsin)
US Counties in which the Arctic Peregrine Falcon is known to occur: View All
(/speciesProfile/profile/countiesBySpecies.action?entityId=2581)

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 9 : view all
(/speciesProfile/profile/displayAllDocumentsIfedreg.action?spcode=B047))

Date	Citation Page	Title
10/05/1994	59 FR 50796 50805	ETWP; Removal of Arctic Peregrine Falcon From the List of Endangered and Threatened Wildlife (http://ecos.fws.gov/docs/federal_register/fr2714.pdf)
09/30/1993	58 FR 51035 51045	ETWP; Proposal to Remove the Arctic Peregrine Falcon From the List of Endangered and Threatened Wildlife (http://ecos.fws.gov/docs/federal_register/fr2423.pdf)
06/12/1991	56 FR 26969 26971	ETWP; Request for Information on the Arctic and American Peregrine Falcons; 56 FR 26969 26971

Date	Citation Page	Title
03/20/1984	49 FR 10520 10526	Reclassification of Arctic Peregrine Falcon & Clarification of Status in WA & Elsewhere in Coterminous US; 49 FR 10520-10526 (http://ecos.fws.gov/docs/federal_register/fr804.pdf)
03/01/1983	48 FR 8796 8802	Proposed Reclassification of Peregrine Falcon in No. Amer.; 48 FR 8796-8802 (http://ecos.fws.gov/docs/federal_register/fr674.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc)
   • Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Other Recovery Documents (Showing 2 of 2)

Date	Citation Page	Title	Document Type
10/05/1994	59 FR 50796 50805	ETWP; Removal of Arctic Peregrine Falcon From the List of Endangered and Threatened Wildlife (http://ecos.fws.gov/docs/federal_register/fr2714.pdf)	• Final Delisting, Recovered
09/30/1993	58 FR 51035 51045	ETWP; Proposal to Remove the Arctic Peregrine Falcon From the List of Endangered and Threatened Wildlife (http://ecos.fws.gov/docs/federal_register/fr2423.pdf)	Proposed Delisting, Recovered

Delisting Documents

Date	Title
10/05/1994	Arctic peregrine falcon PDM plan (incorporated into Final Delisting Rule) (/docs/species/doc1170.pdf)

» Critical Habitat

No critical habitat rules have been published for the Arctic Peregrine Falcon.

» Conservation Plans

No conservation plans have been created for Arctic Peregrine Falcon

» Petitions

No petition findings have been published for the Arctic Peregrine Falcon.

» Life History

No Life History information has been entered into this system for this species.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative

Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

ITIS Reports (javascript::) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

Last updated: March 5, 2010

FWS Endangered Home (http://www.fws.gov/endangered/) | ECOS Home (/ecos_public/) | Contact Us (/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_23)

Species Profile
Environmental Conservation Online System

(http://www.fws.gov)
Bald eagle (Haliaeetus leucocephalus)

**Kingdom: Animalia   Class: Aves   Order: Ciconiiformes
Family: Accipitridae**

Listing Status: Threatened and Recovery

Quick links: Federal Register (#status)   Recovery (#recovery)
Critical Habitat (#crithab)   Conservation Plans
(#conservationPlans)   Petitions (#petitions)   Life History
(#lifeHistory)   Other Resources (#other)
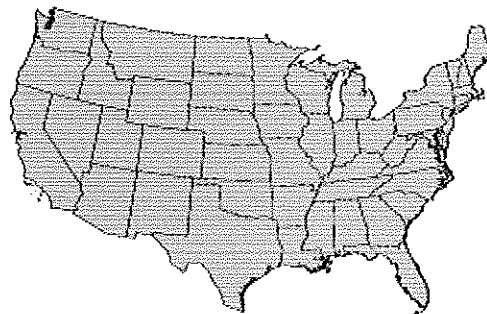
General Information

A large raptor, the bald eagle has a wingspread of about 7 feet. Adults have a dark brown body and wings, white head and tail, and a yellow beak. Juveniles are mostly brown with white mottling on the body, tail, and undersides of wings. Adult plumage usually is obtained by the 6th year. In flight, the bald eagle often soars or glides with the wings held at a right angle to the body.

Population detail

The FWS is currently monitoring the following populations of the Bald eagle

- **Population location:** Sonoran Desert DPS: Arizona: (1) Yavapai, northern Mexico. Gila, Graham, Pinal, and Maricopa, Counties; and (2) Southern Mohave County (that portion south and east of the center of Interstate Highway 40 and east of Arizona Highway 95), eastern LaPaz County (that portion east of the centerline of U.S. and Arizona Highways 95), and north of the centerline of Interstate Highway 8).
  Listing status: Threatened
    States/US Territories in which this population is known to occur: Arizona
    (/speciesProfile/profile/countiesByState.action?entityId=9932&state=Arizona) , New Mexico
    (/speciesProfile/profile/countiesByState.action?entityId=9932&state=New Mexico) , Oklahoma
    (/speciesProfile/profile/countiesByState.action?entityId=9932&state=Oklahoma) , Texas
    (/speciesProfile/profile/countiesByState.action?entityId=9932&state=Texas)
    US Counties in which this population is known to occur: View All
    (/speciesProfile/profile/countiesBySpecies.action?entityId=9932)
    For more information: http://www.fws.gov/southwest/es/arizona/BaldEagle.htm
    (http://www.fws.gov/southwest/es/arizona/BaldEagle.htm)
- **Population location:** U.S.A., conterminous (lower 48) States.
  Listing status: Recovery
    States/US Territories in which this population is known to occur: Alabama

(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Arizona) , <u>Arkansas</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Arkansas) , <u>California</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=California) , <u>Colorado</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Colorado) , <u>Connecticut</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Connecticut) , <u>Delaware</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Delaware) , <u>District of</u>
<u>Columbia (/speciesProfile/profile/countiesByState.action?entityId=8384&state=District of Columbia)</u> ,
<u>Florida (/speciesProfile/profile/countiesByState.action?entityId=8384&state=Florida)</u> , <u>Georgia</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Georgia) , <u>Idaho</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Idaho) , <u>Illinois</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Illinois) , <u>Indiana</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Indiana) , <u>Iowa</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Iowa) , <u>Kansas</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Kansas) , <u>Kentucky</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Kentucky) , <u>Louisiana</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Louisiana) , <u>Maine</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Maine) , <u>Maryland</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Maryland) , <u>Massachusetts</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Massachusetts) , <u>Michigan</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Michigan) , <u>Minnesota</u>
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(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Missouri) , <u>Montana</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Montana) , <u>Nebraska</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Nebraska) , <u>Nevada</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Nevada) , <u>New Hampshire</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=New Hampshire) , <u>New Jersey</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=New Jersey) , <u>New Mexico</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=New Mexico) , <u>New York</u>
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(/speciesProfile/profile/countiesByState.action?entityId=8384&state=South Dakota) , <u>Tennessee</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Tennessee) , <u>Texas</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Texas) , <u>Utah</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Utah) , <u>Vermont</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Vermont) , <u>Virginia</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Virginia) , <u>Washington</u>
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Washington) , West Virginia

(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Wisconsin) , Wyoming
(/speciesProfile/profile/countiesByState.action?entityId=8384&state=Wyoming)
US Counties in which this population is known to occur: View All
(/speciesProfile/profile/countiesBySpecies.action?entityId=8384)
USFWS Refuges in which this population is known to occur: AGASSIZ NATIONAL WILDLIFE
REFUGE , ALAMOSA NATIONAL WILDLIFE REFUGE , ALLIGATOR RIVER NATIONAL
WILDLIFE REFUGE , ANAHUAC NATIONAL WILDLIFE REFUGE , ANKENY NATIONAL
WILDLIFE REFUGE ... Show All Refuges (javascript:toggleRefuges('on'))
For more information: http://www.fws.gov/Midwest/eagle/ (http://www.fws.gov/Midwest/eagle/)

Current Listing Status Summary

Status	Date Listed	Lead Region	Where Listed
Threatened	05/01/2008	Southwest Region (Region 2) (http://www.fws.gov/southwest/)	Sonoran Desert DPS
Recovery	03/11/1967	Great Lakes-Big Rivers Region (Region 3) (http://www.fws.gov/midwest/)	lower 48 States

» Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 38 : view all (/speciesProfile/profile/displayAllDocuments!fedreg.action?spcode=B008))

Date	Citation Page	Title
02/25/2010	75 FR 8601 8621	12-Month Finding on a Petition To List the Sonoran Desert Population of the Bald Eagle as a Threatened or Endangered Distinct Population Segment (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2010_register&docid=fr25fe10-38)
01/15/2009	74 FR 2465 2467	Endangered and Threatened Wildlife and Plants; Status Review of the Bald Eagle (Haliaeetus leucocephalus) in the Sonoran Desert Area of Central Arizona and Northwestern Mexico: Notice of continuing information collection for a status review (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2009_register&docid=fr15ja09-65)
08/22/2008	73 FR 49647 49648	Availability of a Draft Environmental Impact Statement and Habitat Conservation Plan, and Receipt of Applications for Incidental Take Permits (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr22au08-32)
05/20/2008	73 FR 29096 29098	Initiation of Status Review for the Bald Eagle (Haliaeetus leucocephalus) in the Sonoran Desert Area of Central Arizona and Northwestern Mexico (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr20my08-21)
05/01/2008	73 FR 23966 23970	Listing the Potential Sonoran Desert Bald Eagle Distinct Population Segment as Threatened Under the Endangered Species Act (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2008_register&docid=fr01my08-10)

Most Recent Special Rule Publications (Showing 2 of 2)

Date	Citation Page	Title
06/05/2007	72 FR 31141 31155	Authorizations Under the Bald and Golden Eagle Protection Act for Take of Eagles (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr05jn07-27)
02/14/1978	43 FR 6230 6233	Determination of Certain Bald Eagle Populations as Endangered or Threatened (http://ecos.fws.gov/docs/federal_register/fr183.pdf)

» Recovery

Recovery Plan Information Search (/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc)

- Information Search FAQs (http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan §
08/25/1986	Recovery Plan for the Pacific Bald Eagle (http://ecos.fws.gov/docs/recovery_plan/0604193.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400190)	Final
04/19/1989	Southeastern States Bald Eagle Recovery Plan (http://ecos.fws.gov/docs/recovery_plan/0604194.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400142)	Final Revisi
07/29/1983	Northern States Bald Eagle Recovery Plan (http://ecos.fws.gov/docs/recovery_plan/060309b.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400110)	Final
09/08/1982	Southwestern Bald Eagle Recovery Plan (http://ecos.fws.gov/docs/recovery_plan/0604192.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400078)	Final
09/27/1990	Chesapeake Bay Region Bald Eagle Recovery Plan - First Revision (http://ecos.fws.gov/docs/recovery_plan/900927.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400074)	Final Revisi
09/27/1990	Chesapeake Bay Bald Eagle Recovery Plan (http://ecos.fws.gov/docs/recovery_plan/0604191.pdf)	View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=400072)	Final Revisi

Other Recovery Documents (Showing 4 of 4)

Date	Citation Page	Title	Document Type
07/09/2007	72 FR 37373 37374	Endangered and Threatened Wildlife and Plants; Draft Post-Delisting Monitoring Plan for the Bald Eagle (Haliaeetus leucocephalus) and Proposed Information Collection (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr09jy07-140)	• Notice Comment Period for Monitoring Plan • Notice Doc. Availability, Post Delisting Monitoring Plan
07/09/2007	72 FR 37345 37372	Endangered and Threatened Wildlife and Plants; Removing the Bald Eagle in the Lower 48 States From	• Final Delisting,

Date	Citation Page	Title	Document Type
06/05/2007	72 FR 31156 31157	(http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr09jy07-6) **National Bald Eagle Management Guidelines** (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2007_register&docid=fr05jn07-85)	• Notice Doc. Availability
07/06/1999	64 FR 36453 36464	**ETWP; Proposed Rule to Remove the Bald Eagle in the Lower 48 States From the List of Endangered and Threatened Wildlife** (http://ecos.fws.gov/docs/federal_register/fr3404.pdf)	• Proposed Delisting, Recovered

Delisting Documents

Date	Title
07/09/2007	**Draft Post-delisting Monitoring Plan for the Bald Eagle (Haliaeetus leucocephalus)** (/docs/species/doc1062.pdf)

» Critical Habitat

No critical habitat rules have been published for the Bald eagle.

» Conservation Plans

Habitat Conservation Plans (HCP) (learn more (/docs/conservation_plans/HCP_Incidental_Take.pdf))
(Showing 5 of 132 : view all (/speciesProfile/profile/displayAllDocuments!hcp.action?spcode=B008))

HCP Plan Summaries
0000-Amendment #1 46-Subdivisions (4 low quality subdivisions) (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1173&region=2&type=HCP&rtype=1)
0000-Amendment #1 46-Subdivisions (42 medium quality subdivisions) (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1174&region=2&type=HCP&rtype=1)
0001-Aiello, James (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1019&region=2&type=HCP&rtype=1)
0012-King, Wesley, D. (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1355&region=2&type=HCP&rtype=1)
0021-Capstone Builders #1 (Wallman, Pam) (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=1179&region=2&type=HCP&rtype=1)

Safe Harbor Agreements (SHA): (learn more (/docs/conservation_plans/SafeHarbor.pdf)) **(Showing 5 of 5)**

SHA Plan Summaries
Paterson, Thomas W. and Caroline H. (Spur Ranch) (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=995&region=2&type=SHA&rtype=1)
Pueblo of Santa Ana Amendment # 1 (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=36628&region=2&type=SHA&rtype=1)

SHA Plan Summaries
Pueblo of Santa Ana Safe Harbor Agreement (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3302&region=2&type=SHA&rtype=1)
Tagshinny Tree Farm (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=909&region=1&type=SHA&rtype=1)
Tempe, City of, Rio Salado SHA (http://ecos.fws.gov/conserv_plans/servlet/gov.doi.hcp.servlets.PlanReport?plan_id=3933&region=2&type=SHA&rtype=1)

» Petitions

Most Recent Petition Findings (Showing 3 of 3)

Date	Citation Page	Title	Finding
02/25/2010	75 FR 8601 8621	12-Month Finding on a Petition To List the Sonoran Desert Population of the Bald Eagle as a Threatened or Endangered Distinct Population Segment (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2010_register&docid=fr25fe10-38)	• Notice 12 month petition finding, Not warranted
08/30/2006	71 FR 51549 51565	Petition to List the Sonoran Desert Population of the Bald Eagle as a Distinct Population Segment, List that Distinct Population Segment as Endangered, and Designate Critical Habitat (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2006_register&docid=fr30au06-38)	• Notice 90-day Petition Finding, Not substantial
01/21/1987	52 FR 2239 2242	Findings on Petitions & Initiation of Status Reviews; 52 FR 2239-2242 (http://ecos.fws.gov/docs/federal_register/fr1220.pdf)	• Notice 90-day Petition Finding, Not substantial

» Life History

Movement / Home Range

Within 50 miles north of Southerly International Boundary between Arizona and Mexico, bald eagles may be found along rivers and lakes as winter residents or migrants. There are no breeding sites within this specific area.

» Other Resources

NatureServe Explorer Species Reports (javascript:;) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communtities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

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