

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

12. Please briefly describe the top two HABITAT threats to the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana identified above.

- 1. Impoundment
 - 2. Instream modifications

 - 1. Dredging (mining, COE)
 - 2. Impoundment
 - 1. Stream channelization
 - 2. Non-point source pollution
- loss of high quality riffles and outside bend deep fast runs
- loss of riparian zone and siltation

Total Respondents 5

13. What current monitoring efforts by state agencies are you aware of for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Yes, these efforts occur	Not aware of these efforts occurring	Response Total
Statewide year-round monitoring conducted by state agencies	0% (0)	100% (9)	9
Statewide once a year monitoring conducted by state agencies	0% (0)	100% (9)	9
Periodic statewide (less than once a year but still regularly scheduled) monitoring conducted by state agencies	11% (1)	89% (8)	9
Occasional statewide (less than once a year and not regularly scheduled) monitoring conducted by state agencies	22% (2)	78% (7)	9
Regional or local year-round monitoring conducted by state agencies	0% (0)	100% (9)	9
Regional or local once a year monitoring conducted by state agencies	22% (2)	78% (7)	9
Periodic regional or local (less than once a year but still regularly scheduled) monitoring conducted by state agencies	22% (2)	78% (7)	9
Occasional regional or local (less than once a year and not regularly scheduled) monitoring conducted by state agencies	89% (8)	11% (1)	9
	Total Respondents		72

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

14. What current monitoring efforts by other organizations are you aware of for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Yes, these efforts occur	Not aware of these efforts occurring	Response Total
Statewide year-round monitoring conducted by other organizations	0% (0)	100% (9)	9
Statewide once a year monitoring conducted by other organizations	11% (1)	78% (8)	9
Periodic statewide (less than once a year but still regularly scheduled) monitoring conducted by other organizations	0% (0)	100% (9)	9
Occasional statewide (less than once a year and not regularly scheduled) monitoring conducted by other organizations	0% (0)	100% (9)	9
Regional or local year-round monitoring conducted by other organizations	22% (2)	78% (7)	9
Regional or local once a year monitoring conducted by other organizations	22% (2)	78% (7)	9
Periodic regional or local (less than once a year but still regularly scheduled) monitoring conducted by other organizations	11% (1)	89% (8)	9
Occasional regional or local (less than once a year and not regularly scheduled) monitoring conducted by other organizations	22% (2)	78% (7)	9
		Total Respondents	72

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

15. How crucial are these monitoring efforts by state agencies for the conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?	Very crucial	Somewhat crucial	Slightly crucial	Not crucial	Unknown	Response Total
Statewide year-round monitoring conducted by state agencies	0% (0)	0% (0)	33% (3)	67% (6)	0% (0)	9
Statewide once a year monitoring conducted by state agencies	50% (3)	0% (0)	17% (1)	83% (5)	0% (0)	6
Periodic statewide (less than once a year but still regularly scheduled) monitoring conducted by state agencies	17% (1)	17% (1)	17% (1)	50% (3)	0% (0)	6
Occasional statewide (less than once a year and not regularly scheduled) monitoring conducted by state agencies	0% (0)	33% (3)	11% (1)	56% (5)	0% (0)	9
Regional or local year-round monitoring conducted by state agencies	0% (0)	13% (1)	25% (2)	63% (5)	0% (0)	8
Regional or local once a year monitoring conducted by state agencies	33% (3)	22% (2)	0% (0)	44% (4)	0% (0)	9
Periodic regional or local (less than once a year but still regularly scheduled) monitoring conducted by state agencies	44% (4)	22% (2)	11% (1)	22% (2)	0% (0)	9
Occasional regional or local (less than once a year and not regularly scheduled) monitoring conducted by state agencies	44% (4)	0% (0)	22% (2)	33% (3)	0% (0)	9
Total Respondents						65

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

16. How crucial are these monitoring efforts by other organizations for the conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Very crucial	Somewhat crucial	Slightly crucial	Not crucial	Unknown	Response Total
Statewide year-round monitoring conducted by other organizations	0% (0)	0% (0)	33% (3)	67% (6)	0% (0)	9
Statewide once a year monitoring conducted by other organizations	11% (1)	0% (0)	33% (3)	56% (5)	0% (0)	9
Periodic statewide (less than once a year but still regularly scheduled) monitoring conducted by other organizations	0% (0)	11% (1)	33% (3)	56% (5)	0% (0)	9
Occasional statewide (less than once a year and not regularly scheduled) monitoring conducted by other organizations	0% (0)	11% (1)	22% (2)	67% (6)	0% (0)	9
Regional or local year-round monitoring conducted by other organizations	0% (0)	0% (0)	22% (2)	78% (7)	0% (0)	9
Regional or local once a year monitoring conducted by other organizations	11% (1)	0% (0)	22% (2)	67% (6)	0% (0)	9
Periodic regional or local (less than once a year but still regularly scheduled) monitoring conducted by other organizations	0% (0)	22% (2)	11% (1)	67% (6)	0% (0)	9
Occasional regional or local (less than once a year and not regularly scheduled) monitoring conducted by other organizations	22% (2)	0% (0)	11% (1)	67% (6)	0% (0)	9
						72
				Total Respondents		72

17. Regional or local state agency monitoring for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

Ohio River, Wabash system

Ohio River, Wabash

1. Wabash River

West Fork White River

East Fork White River

Ohio River

2. Ohio, White and Wabash rivers

3. Occasional stream surveys

INDFW, 1999 Wabash River, 2003 East Fork White River, 2004 West Fork White River, 2004 Main Stem White River, 1993 Patoka River, 2004 Ohio River Cannelton Pool, annual commercial fish harvest monitoring.

Ohio River, Newburgh and McApline Tailwater fall/winter annual monitoring, occasional stream surveys

Total Respondents 7

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

18. Regional or local monitoring by other organizations for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

Ohio River

Ohio River, Wabash

Ohio, White and Wabash rivers

Total Respondents 3

19. Please list organizations that are monitoring the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

USFWS

USFWS
consultants

1. DNR/DFW
Electric utilities, Ball State University, Purdue University

Total Respondents 4

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

20. What are the current monitoring techniques for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Frequently used	Occasionally used	Not used but possible with existing technology and data	Not used and not possible with existing technology and data	Not economically feasible	Unknown	Response Total
Radio telemetry and tracking	0% (0)	25% (2)	50% (4)	0% (0)	25% (2)	0% (0)	8
Modeling	22% (2)	33% (3)	0% (0)	33% (3)	0% (0)	11% (1)	9
Coverboard routes	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (5)	5
Spot mapping	0% (0)	75% (3)	25% (1)	0% (0)	0% (0)	0% (0)	4
Driving a survey route	0% (0)	0% (0)	0% (0)	33% (1)	0% (0)	67% (2)	3
Reporting from harvest, depredation, or unintentional take (road kill, bycatch)	0% (0)	17% (1)	17% (1)	50% (3)	0% (0)	17% (1)	6
Mark and recapture	33% (3)	44% (4)	11% (1)	0% (0)	11% (1)	0% (0)	9
Professional survey/census	56% (5)	44% (4)	0% (0)	0% (0)	0% (0)	0% (0)	9
Volunteer survey/census	0% (0)	67% (2)	0% (0)	0% (0)	0% (0)	33% (1)	3
Trapping (by any technique)	40% (2)	0% (0)	0% (0)	0% (0)	0% (0)	60% (3)	5
Representative sites	38% (3)	63% (5)	0% (0)	0% (0)	0% (0)	0% (0)	8
Probabilistic sites	25% (1)	0% (0)	50% (2)	0% (0)	0% (0)	25% (1)	4
Other (please specify below)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (3)	3
							Total Respondents 76

21. Other monitoring techniques for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

Larval sampling to check for reproduction

Total Respondents 1

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

22. What one or two monitoring techniques would you recommend for effective conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

1. Intensive quantitative sampling of known populations. Need to understand demography of the clubshell. See Strayer & Smith, 2003. AFS Monogr. 8.

2. Less intensive qualitative sampling of new or not recently surveyed areas. Need to determine distribution and status of the clubshell. See same for protocols.

1. Intensive quantitative sampling of known populations. Need to understand demography of the clubshell. See Strayer & Smith, 2003. AFS Monogr. 8.

2. Less intensive qualitative sampling of new or not recently surveyed areas. Need to determine distribution and status of the clubshell. See same for protocols.

1. lectrofishing swift water habitats
Hoop nets

2. 1. Electrofishing river wide
2. Hoop-netting by scientists and commercial fishermen

3. periodic stream surveys

fall/winter Ohio River tailwater sampling and occasional stream surveys

Total Respondents 6

23. What current HABITAT inventory and assessment efforts or activities by state agencies are you aware of for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Yes, these efforts occur	No effort that I'm aware of	Response Total
Statewide annual inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Statewide once a year inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Periodic statewide (less than once a year but still regularly scheduled) inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Occasional statewide (less than once a year and not regularly scheduled) inventory and assessment conducted by state agencies	11% (1)	89% (8)	9
Regional or local year-round inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Regional or local once a year inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Periodic regional or local (less than once a year but still regularly scheduled) inventory and assessment conducted by state agencies	0% (0)	100% (9)	9
Occasional regional or local (less than once a year and not regularly scheduled) inventory and assessment conducted by state agencies	44% (4)	56% (5)	9
		Total Respondents	72

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

24. What current HABITAT inventory and assessment efforts or activities by other organizations are you aware of for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Yes, these efforts occur	No effort that I'm aware of	Response Total
Statewide year-round inventory and assessment conducted by other organizations	0% (0)	100% (8)	8
Statewide once a year inventory and assessment conducted by other organizations	0% (0)	100% (7)	7
Periodic statewide (less than once a year but still regularly scheduled) inventory and assessment conducted by other organizations	0% (0)	100% (8)	8
Occasional statewide (less than once a year and not regularly scheduled) inventory and assessment conducted by other organizations	0% (0)	100% (8)	8
Regional or local year-round inventory and assessment conducted by other organizations	13% (1)	88% (7)	8
Regional or local once a year inventory and assessment conducted by other organizations	14% (1)	86% (6)	7
Periodic regional or local (less than once a year but still regularly scheduled) inventory and assessment conducted by other organizations	13% (1)	88% (7)	8
Occasional regional or local (less than once a year and not regularly scheduled) inventory and assessment conducted by other organizations	67% (6)	33% (3)	9
		Total Respondents	63

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

2. Unknown	
3. USACOE Ohio River	
USACOE Ohio River	
Total Respondents	6

29.	Please list organizations that are monitoring this HABITAT for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.
USFWS	
USFWS consultants	
1. DNR/DFW	
2. Unknown	
3. USACOE Ohio River	
USACOE Ohio River	
Total Respondents	6

30.	If a technique is not applicable to the Wildlife in Great Rivers of the Ohio River Drainage Habitat do not select a response in that row.						
	Frequently used	Occasionally used	Not used but possible with existing technology and data	Not used and not possible with existing technology and data	Not economically feasible	Unknown	Response Total
GIS mapping	0% (0)	78% (7)	11% (1)	0% (0)	11% (1)	0% (0)	9
Aerial photography and analysis	0% (0)	44% (4)	11% (1)	22% (2)	0% (0)	22% (2)	9
Systematic sampling	33% (2)	50% (3)	0% (0)	0% (0)	0% (0)	25% (1)	6
Property tax estimates	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (3)	3
State revenue data	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (3)	3
Regulatory information	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (3)	3
Participation in landuse programs	0% (0)	67% (2)	0% (0)	0% (0)	0% (0)	33% (1)	3
Modeling	13% (1)	75% (6)	0% (0)	0% (0)	0% (0)	13% (1)	8

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

Voluntary landowner reporting	0% (0)	67% (2)	0% (0)	0% (0)	0% (0)	33% (1)	3	
Other (please specify below)	0% (0)	33% (1)	0% (0)	0% (0)	0% (0)	67% (2)	3	
						Total Respondents	53	

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

31. Other HABITAT inventory and assessment techniques for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

QHEI

Total Respondents 1

32. What one or two HABITAT inventory and assessment techniques would you recommend for effective conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

1. Assess zebra mussel infestations. Contact P. Morrison, USFWS, Parkersburg, WV

1. Zebra mussel assessment. Contact P. Morrison, USFWS, Parkersburg, WV

QHEI

1. Recording GIS information

2. Record habitat when the wildlife species is collected during a survey.

GIS mapping and aerial photography and analysis

GIS mapping and aerial photography and analysis

Total Respondents 6

33. What is the current body of science for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

		Response Total	Response Percent
Complete, up to date and extensive		0	0%
Adequate		3	30%
Inadequate		6	60%
Nonexistent		1	10%
Other (please explain below)		0	0%
		Total Respondents	10

34. Please provide a citation (title, author, date, publisher) that would give the best overview of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana, if available. This resource may be used if further detail is needed.

Title = Federal Recovery Plan

Author = USFWS

Date = 1991

Publisher = USFWS

Title = Freshwater mussels of Tennessee

Author = Parmalee & Bogan

Date = 1998

Publisher = U of Tennessee Press

Response Response

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

Title = Wabash River Catfish Reports
 Author = Rob Columbo
 Date = 2002,2003,2004,2005
 Publisher = SIU/INDFW
 Title = GIS mapping and aerial photography and analysis
 Author = ORFMT
 Date = annually since 1999
 Publisher = ORFMT

35. If possible, please provide a second citation (title, author, date, publisher) that would give another good overview of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana. This resource may also be used if further detail is needed.

Title = Life history and propagation...
 Author = Jones & Neves
 Date = 2002
 Publisher = JNABS

Title = Freshwater mussels of the Midwest
 Author = Cummings & Mayer
 Date = 1992
 Publisher = INHS

Title = numerous INDFW FMR's
 Author = Numerous
 Date = numerous
 Publisher = INDFW

Title = various INDFW FMR's
 Author = various
 Date = various
 Publisher = INDFW

Response Total Response Percent

36. What is the current HABITAT body of science for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Response Total	Response Percent
Complete, up to date and extensive	0	0%
Adequate	0	0%
Inadequate 	6	67%
Nonexistent 	3	33%
Other (please explain below)	0	0%
Total Respondents	9	

37. Please provide a citation (title, author, date, publisher) that would give the best HABITAT overview of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana, if available. This resource may be used if further detail is needed.

Title = Federal Recovery Plan
 Author = USFWS
 Date =1991

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

Publisher = USFWS

Title = Freshwater Mollusca of WI
 Author = Baker
 Date = 1928
 Publisher = WI Geol. Nat. Hist. Surv.

Title = Ohio River Mainstem Study
 Author = USACOE
 Date = 2000?
 Publisher = USACOE

Title = Ohio River Mainstem Study
 Author = USACOE
 Date = 2000?
 Publisher = USACOE

38. If possible, please provide a second citation (title, author, date, publisher) that would give another good HABITAT overview of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana. This resource may also be used if further detail is needed.

Title = Naiades of Pennsylvania
 Author = Ortmann
 Date = 1919
 Publisher = Carnegie Museum

39. What are the research needs for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Urgently needed	Greatly needed	Needed	Slightly needed	Not needed	Unknown	Response Total
Life cycle	22% (2)	11% (1)	22% (2)	33% (3)	11% (1)	0% (0)	9
Distribution and abundance	33% (3)	0% (0)	33% (3)	22% (2)	11% (1)	0% (0)	9
Limiting factors (food, shelter, water, breeding sites)	22% (2)	22% (2)	11% (1)	33% (3)	11% (1)	0% (0)	9
Threats (predators/competition, contamination)	33% (3)	11% (1)	11% (1)	33% (3)	11% (1)	0% (0)	9
Relationship/dependence on specific habitats	11% (1)	22% (2)	22% (1)	53% (3)	11% (1)	0% (0)	8
Population health (genetic and physical)	22% (2)	11% (1)	11% (1)	56% (5)	0% (0)	0% (0)	9
Other (please specify below)	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)	100% (2)	2
	Total Respondents						55

40. Other research needs for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

Determine population limiting factors in the Ohio River.

Total Respondents 1

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

41. What are the HABITAT research needs for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Urgently needed	Greatly needed	Needed	Slightly needed	Not needed	Unknown	Response Total
Successional changes	0% (0)	0% (0)	0% (0)	0% (0)	100% (8)	0% (0)	8
Distribution and abundance (fragmentation)	38% (3)	0% (0)	25% (2)	25% (2)	13% (1)	0% (0)	8
Threats (land use change/competition, contamination/global warming)	38% (3)	0% (0)	25% (2)	25% (2)	13% (1)	0% (0)	8
Relationship/dependence on specific site conditions	0% (0)	13% (1)	38% (3)	25% (2)	13% (1)	0% (0)	7
Growth and development of individual components of the habitat	13% (1)	0% (0)	38% (3)	38% (3)	13% (1)	0% (0)	8
Other (please specify below)	0% (0)	0% (0)	0% (0)	33% (1)	0% (0)	67% (2)	3
						Total Respondents	42

42. Other HABITAT research needs for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

Water quality requirements							
						Total Respondents	1

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

43. How well do the following conservation efforts address the threats to the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Very well	Somewhat	Not at all	Not used	Unknown	Response Total
Habitat protection (use below for details)	0% (0)	78% (7)	0% (0)	11% (1)	11% (1)	9
Population management (hunting, trapping)	0% (0)	33% (3)	0% (0)	56% (5)	11% (1)	9
Population enhancement (captive breeding and release)	0% (0)	0% (0)	11% (1)	89% (8)	0% (0)	9
Reintroduction (restoration)	0% (0)	11% (1)	11% (1)	78% (7)	0% (0)	9
Food plots	0% (0)	0% (0)	11% (1)	56% (5)	22% (2)	8
Threats reduction	0% (0)	22% (2)	11% (1)	67% (6)	0% (0)	9
Native predator control	0% (0)	0% (0)	11% (1)	89% (8)	0% (0)	9
Exotic/invasive species control	0% (0)	0% (0)	33% (3)	22% (2)	44% (4)	9
Regulation of collecting	0% (0)	33% (3)	44% (4)	11% (1)	11% (1)	9
Disease/parasite management	0% (0)	0% (0)	0% (0)	56% (5)	33% (3)	8
Translocation to new geographic range	0% (0)	0% (0)	11% (1)	89% (8)	0% (0)	9
Protection of migration routes	0% (0)	0% (0)	11% (1)	44% (4)	44% (4)	9
Limiting contact with pollutants/contaminants	0% (0)	57% (4)	0% (0)	43% (3)	0% (0)	7
Public education to reduce human disturbance	0% (0)	67% (6)	0% (0)	33% (3)	0% (0)	9
Culling/selective removal	0% (0)	0% (0)	11% (1)	89% (8)	0% (0)	9
Stocking	0% (0)	0% (0)	11% (1)	89% (8)	0% (0)	9
Other (please specify below)	0% (0)	0% (0)	0% (0)	0% (0)	100% (3)	3
				Total Respondents		144

44. Other current conservation practices for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

No responses were entered for this question.

Total Respondents 0

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

45. What one or two specific practices would you recommend for more effective conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

- 1. Strictly limit instream modifications
 - 2. Remove existing dams wherever possible
- See Watters, 2000. Proc. 1st FMCS Symposium

- 1. Limit instream modification.
 - 2. Restore free-flowing systems
- See Watters, 2000. Proc. 1st FMCS Symposium

- 1. Public education
- 2. Regulation of collecting

habitat protection/restoration and pollution control

Total Respondents 4

46. How well do the following conservation efforts address the HABITAT threats to the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

	Very well	Somewhat	Not at all	Not used	Unknown	Response Total
Habitat protection through regulation	0% (0)	78% (7)	11% (1)	11% (1)	0% (0)	9
Habitat protection on public lands	0% (0)	67% (6)	11% (1)	22% (2)	0% (0)	9
Habitat protection incentives (financial)	0% (0)	78% (7)	0% (0)	22% (2)	0% (0)	9
Habitat restoration through regulation	0% (0)	67% (6)	0% (0)	22% (2)	11% (1)	9
Habitat restoration on public lands	0% (0)	67% (6)	0% (0)	33% (3)	0% (0)	9
Habitat restoration incentives (financial)	0% (0)	44% (4)	0% (0)	11% (1)	0% (0)	5
Artificial habitat creation (artificial reefs, nesting platforms)	0% (0)	33% (3)	22% (2)	44% (4)	0% (0)	9
Selective use of functionally equivalent exotic species in place of extirpated natives	0% (0)	0% (0)	0% (0)	33% (3)	67% (6)	9
Succession control (fire, mowing)	0% (0)	0% (0)	14% (1)	86% (6)	0% (0)	7
Corridor development/protection	0% (0)	63% (5)	13% (1)	25% (2)	0% (0)	8
Managing water regimes	0% (0)	44% (4)	11% (1)	44% (4)	0% (0)	9
Pollution reduction	11% (1)	78% (7)	0% (0)	11% (1)	0% (0)	9
Protection of adjacent buffer zone	0% (0)	78% (7)	0% (0)	22% (2)	0% (0)	9
Restrict public access and disturbance	0% (0)	22% (2)	11% (1)	67% (6)	0% (0)	9
Land use planning	0% (0)	78% (7)	0% (0)	22% (2)	0% (0)	9
Technical assistance	0% (0)	56% (5)	11% (1)	33% (3)	0% (0)	9
Cooperative land management agreements (conservation easements)	0% (0)	78% (7)	11% (1)	11% (1)	0% (0)	9
Other (please specify below)	0% (0)	0% (0)	0% (0)	0% (0)	100% (4)	4
						Total Respondents 150

Appendix E-18: Rivers and Streams Ohio River Drainage Great River

47. Other current HABITAT conservation practices for the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana.

No responses were entered for this question.

Total Respondents 0

48. What one or two specific HABITAT practices would you recommend for more effective conservation of the Wildlife in Great Rivers of the Ohio River Drainage Habitat in Indiana?

1. Restrict instream modifications
2. Restore free-flowing systems

1. Eliminate habitat modifications (in-stream dredging, channelization, etc.)
See Watters, 2000. Proc. 1st FMCS Symposium

Buffer strips
Bank stabilization

1. Non-point source pollution reduction
2. 2. riparian conservation easements

restoration of riparian zones, riffle protection/restoration

Total Respondents 5

49. Do you have any additional comments or information on the Wildlife in Great Rivers of the Ohio River Drainage Habitat that you feel would be useful in the development of the Indiana Comprehensive Wildlife Strategy?

N/A

N/A

no

The blue sucker population is doing well in the Wabash River and parts of the White River. Reintroduction into additional waterbodies is a possible option, but research is needed to determine why the population is healthy in the Wabash/White and not other Great Rivers.

Total Respondents 4