

The Ohio Chapter of the American Fisheries Society creates a directly funded scholarship, the Ohio Aquatic Sciences Scholarship, which gives partial support to three students in its first year.

Thanks to the efforts of FOSL, donations to Stone Lab endowments surpass \$1,000,000.

Stone Lab's beloved "Chef Art" Boone passes away on 28 May. A tree is planted on Gibraltar Island in his honor.

The computer lab is equipped with new computers before the start of summer classes.

On 10 and 11 August 2005, we co-hosted the third Put-in-Bay Legislative Day with Representative Chris Redfern and Senator Randy Gardner. Over 40 elected officials attended.

Drs. Michael A. Hoggarth, Otterbein College; Richard L. Londraville, University of Akron; and R. Chris Stanton, Baldwin-Wallace College, share the "Outstanding Visiting Professor Award."

On 22-23 August 2005 we hosted a Program Assessment Team (PAT) visit from the National Sea Grant College Program, a team of nine national experts to review the Ohio Sea Grant College Program. The PAT was very impressed with Ohio Sea Grant, Stone Laboratory (a component of Ohio Sea Grant), and all of our education, outreach, and research programs. As a result of this review, Ohio Sea Grant received the highest possible rating and ranking by the National Sea Grant College Program and is considered one of the top Sea Grant programs in the country.

On 10 September 2005 the FOSL hosted the Eighth Annual Stone Laboratory Open House with Ohio Sea Grant and the Lake Erie Commission with over 900 in attendance.

On 12-14 September 2005 we hosted an Aquatic Invasive Species Database Summit for NOAA at Stone Laboratory with the leaders of 10 national databases in attendance.

On 20-23 September 2005 we hosted the Biennial Meeting of the National Association of Marine Laboratories at Stone Laboratory.

On 1-2 October 2005 we hosted the 4th Annual Buckeye Island Hop at Stone Laboratory.

We set a new record with 181 groups (5,327 participants) participating in the workshop program.

Stone Laboratory 2005

Program Review Figures



FIGURE 1
Total Student Enrollment at Stone Laboratory
1980-2005

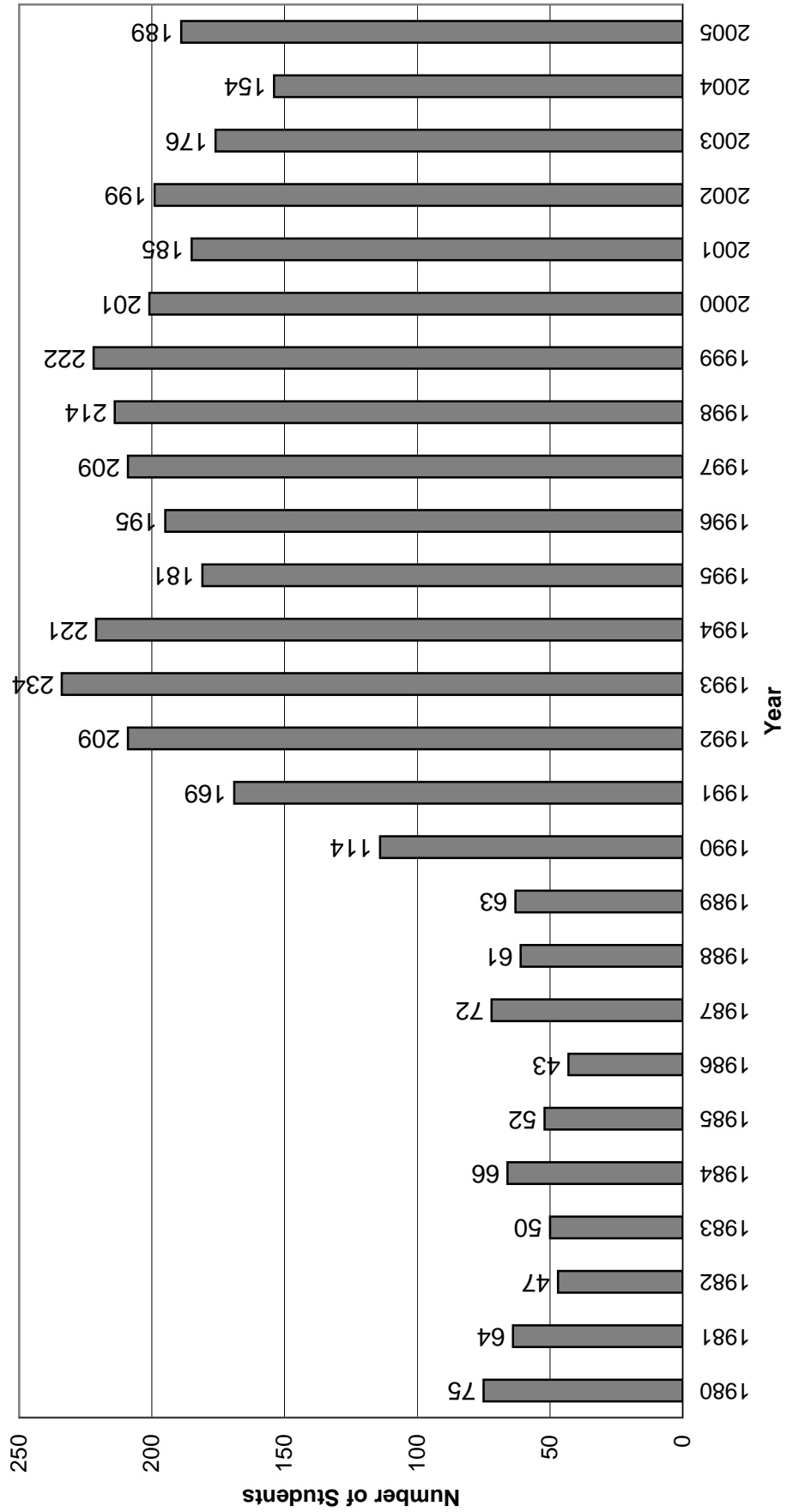


FIGURE 2
**Number of Students Attending Stone Laboratory from High Schools,
 Ohio State University, and Other Colleges
 1990-2005**

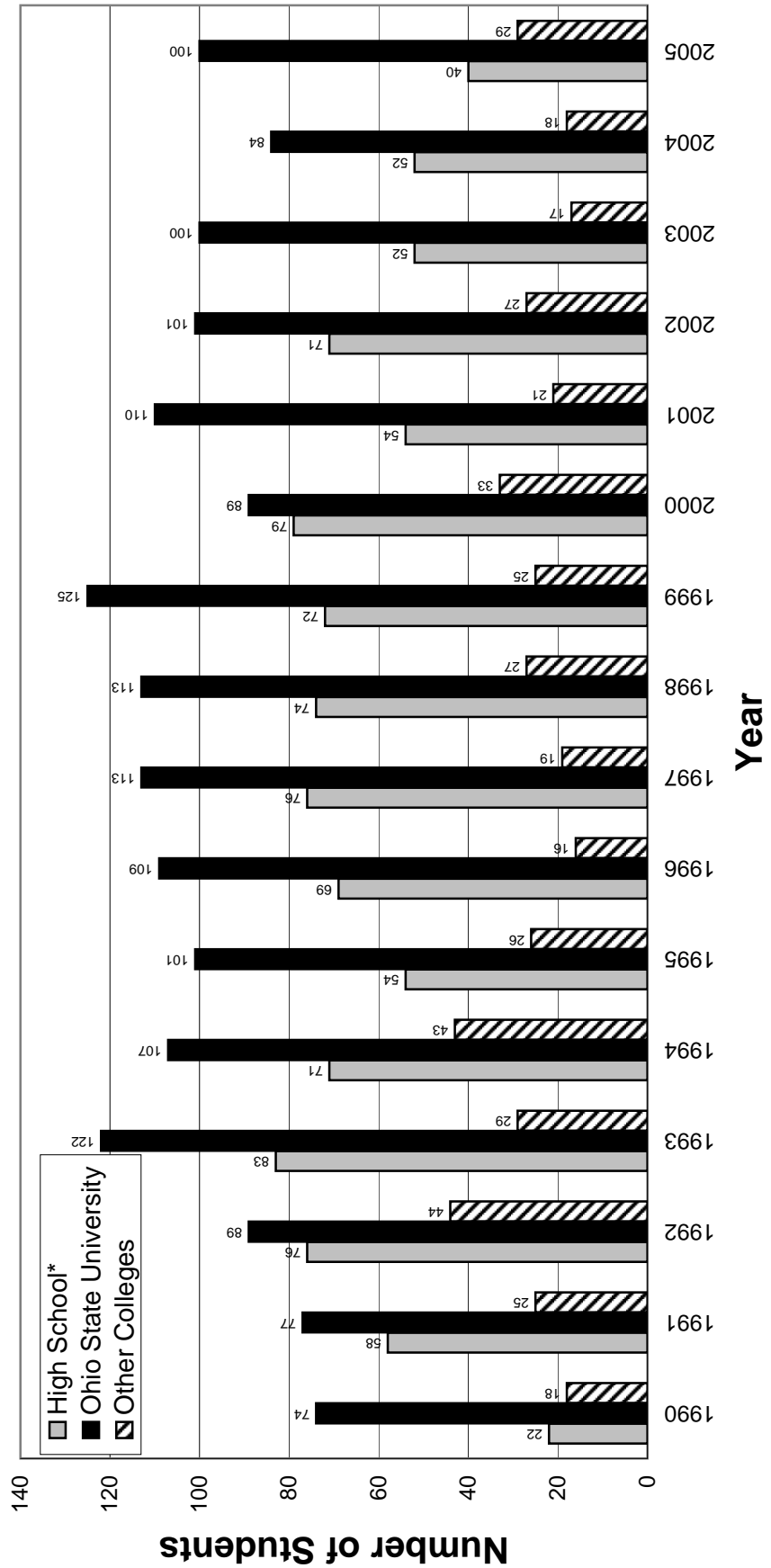


FIGURE 3
Number of Institutions Represented by Students at Stone Laboratory
1990-2005

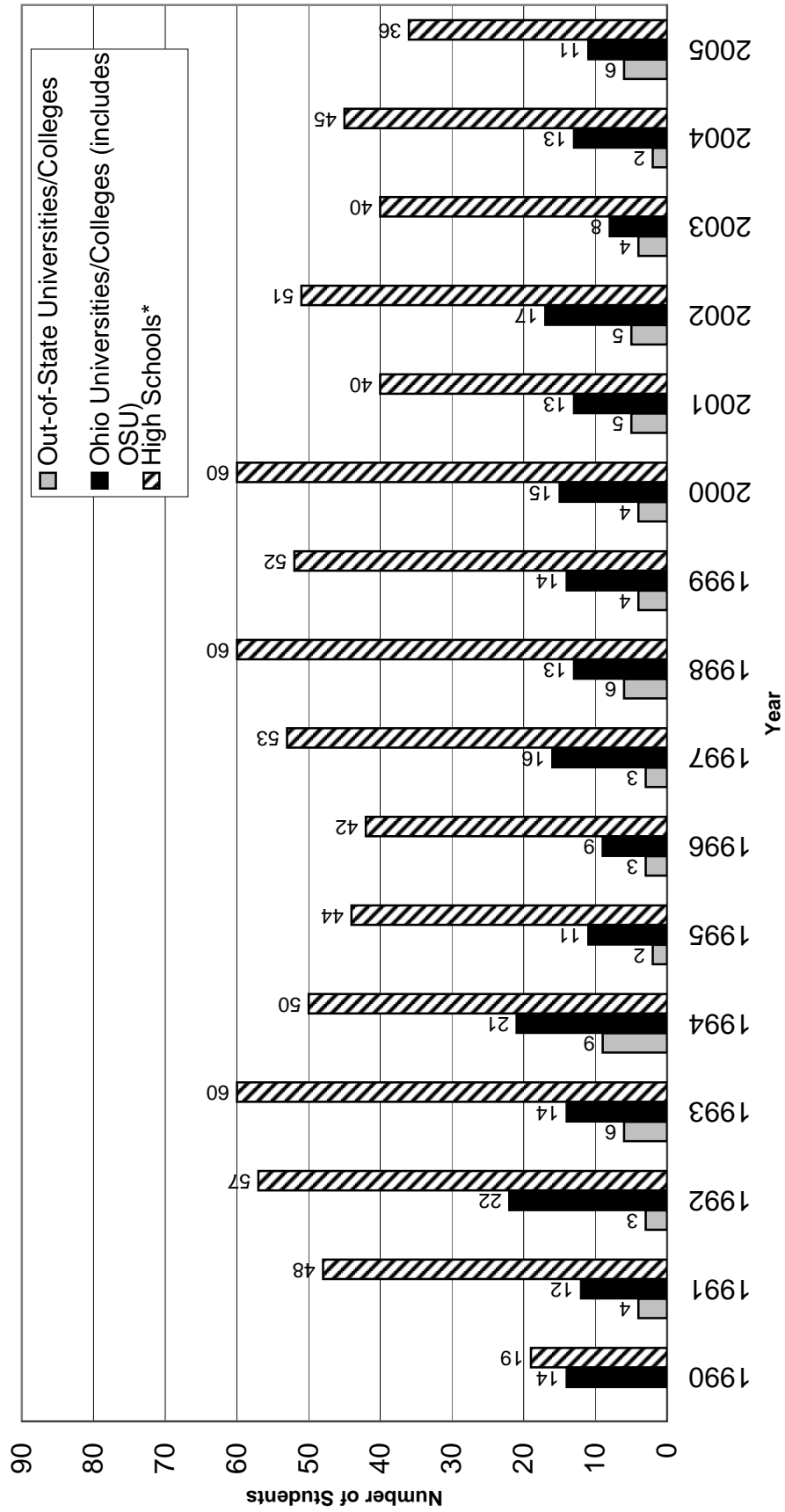


FIGURE 4
Number of Undergraduate, Graduate and High School Students Attending
Stone Laboratory
1990-2005

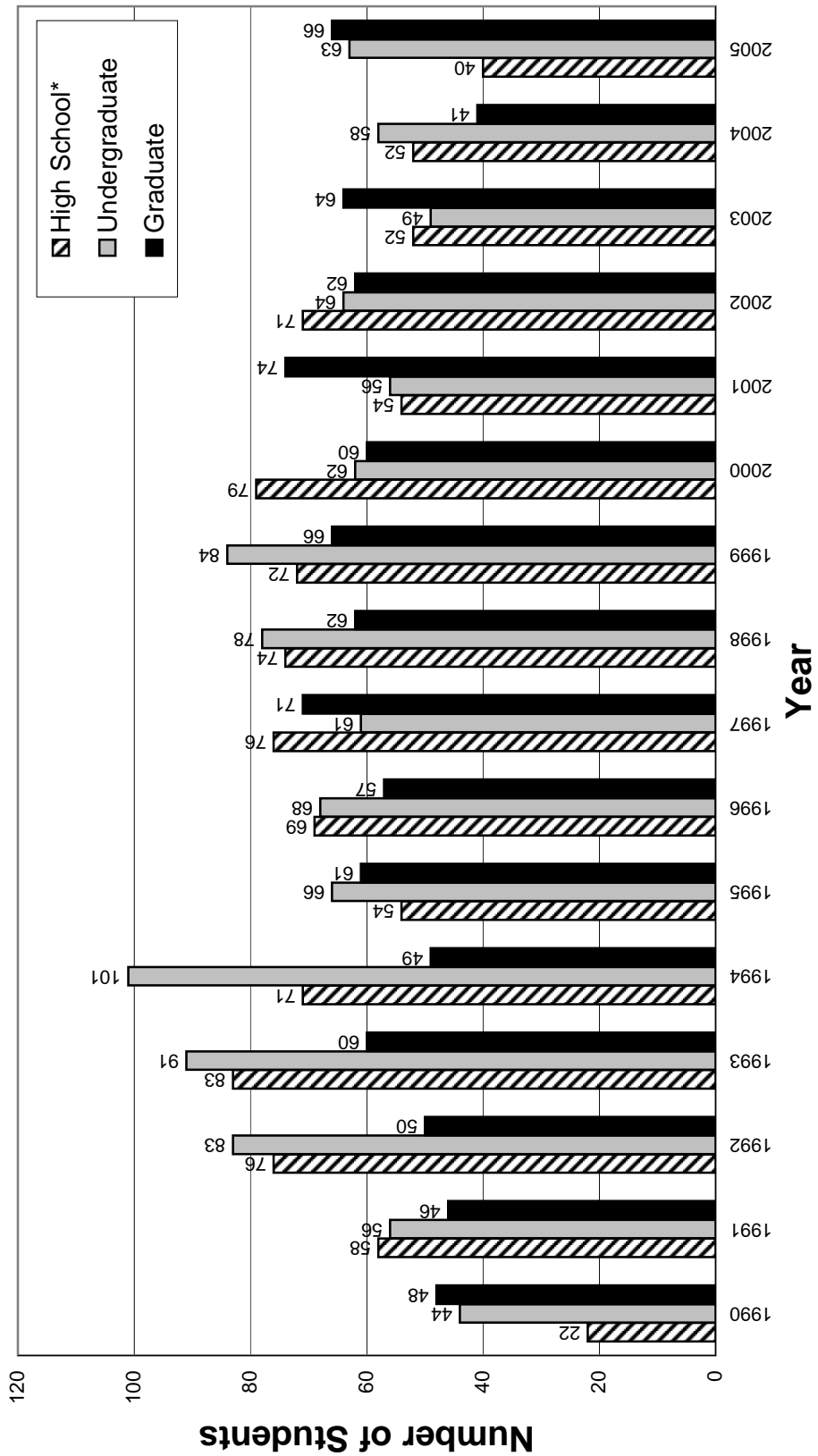


FIGURE 5
Credit Hours of Student Enrollment at Stone Laboratory
1990-2005

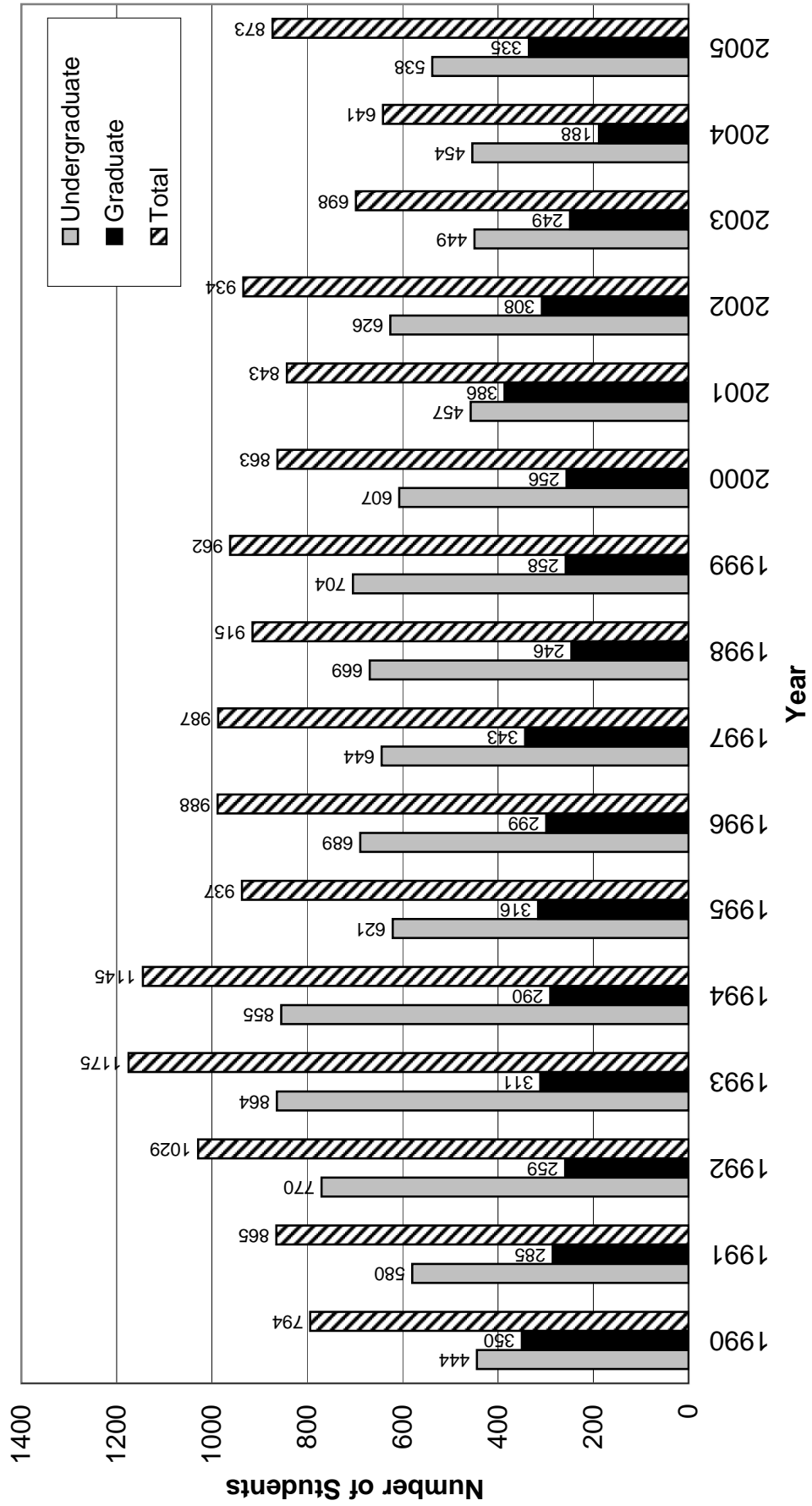


FIGURE 6
Number of Male and Female Students Attending Stone Laboratory
1990-2005

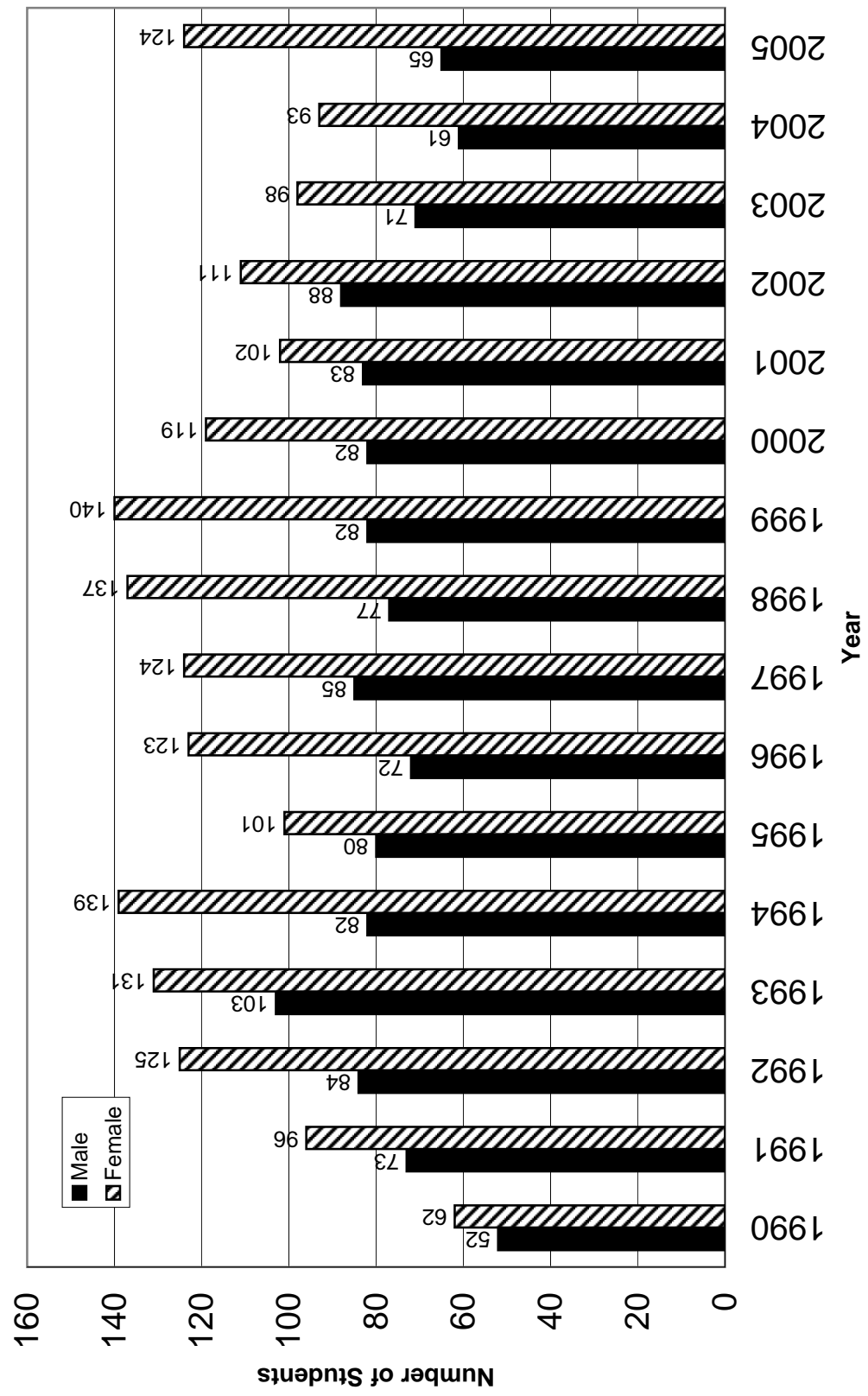


FIGURE 7

**Stone Laboratory Workshops, Conferences, and Tours: Number of Groups
1991-2005**

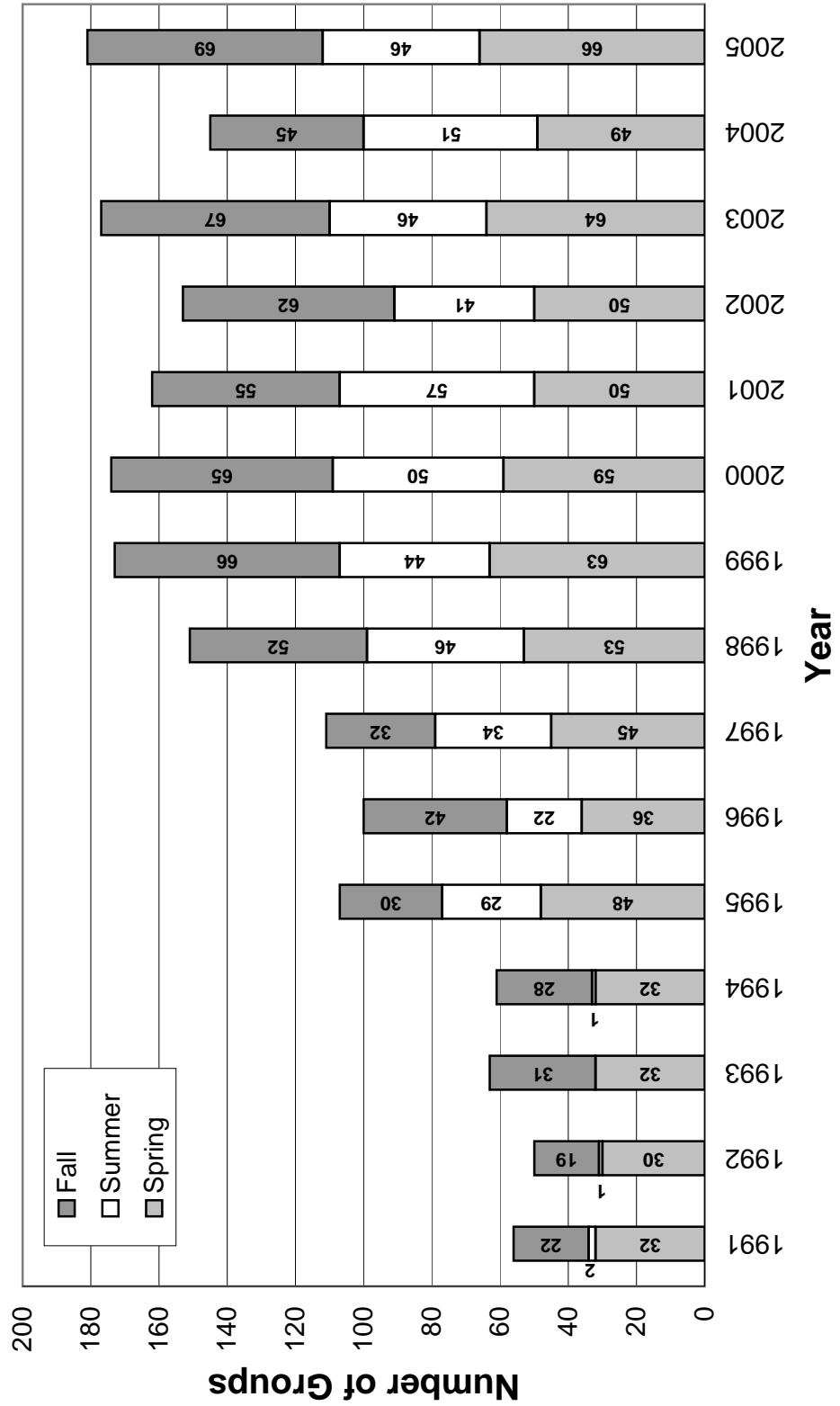


FIGURE 8

**Stone Laboratory Workshops, Conferences, and Tours: Number of Participants
1991-2005**

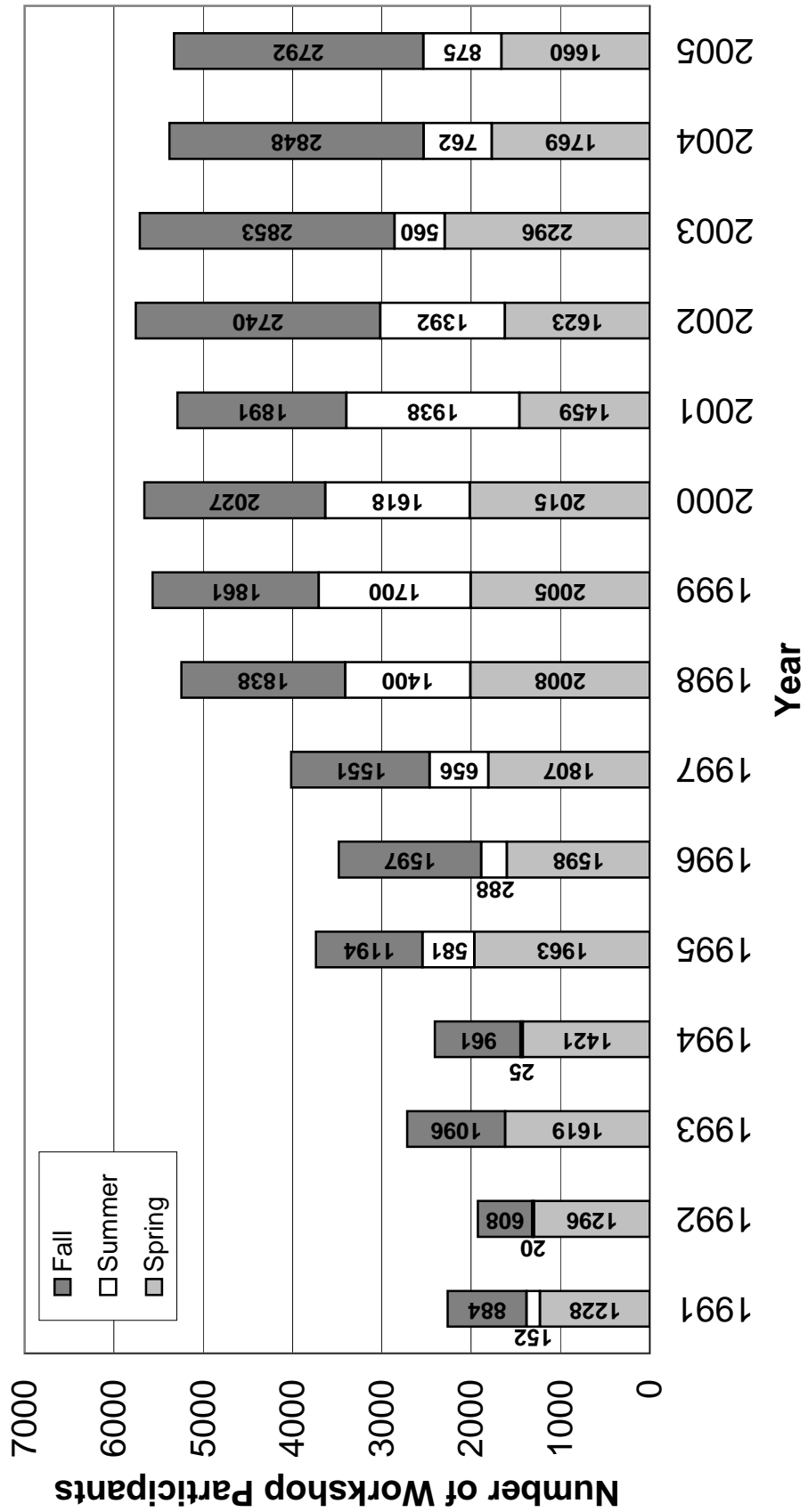


FIGURE 9
Stone Laboratory Workshop Program: Composition of Participating Students*
1991-2005

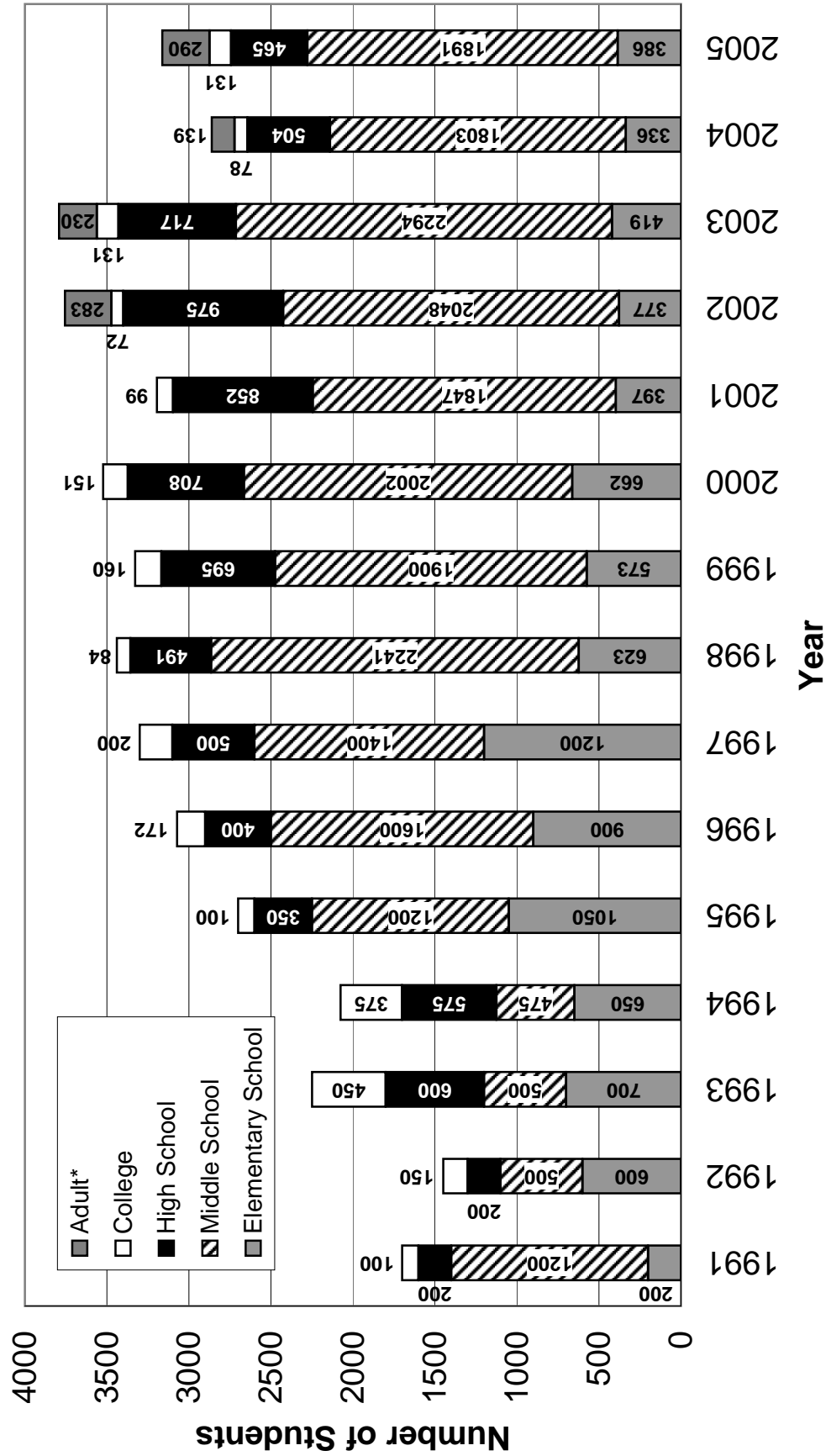


FIGURE 10
Research at Stone Laboratory: Number of Research Projects, Principal Investigators, Research Assistants, and Institutions 1995-2005

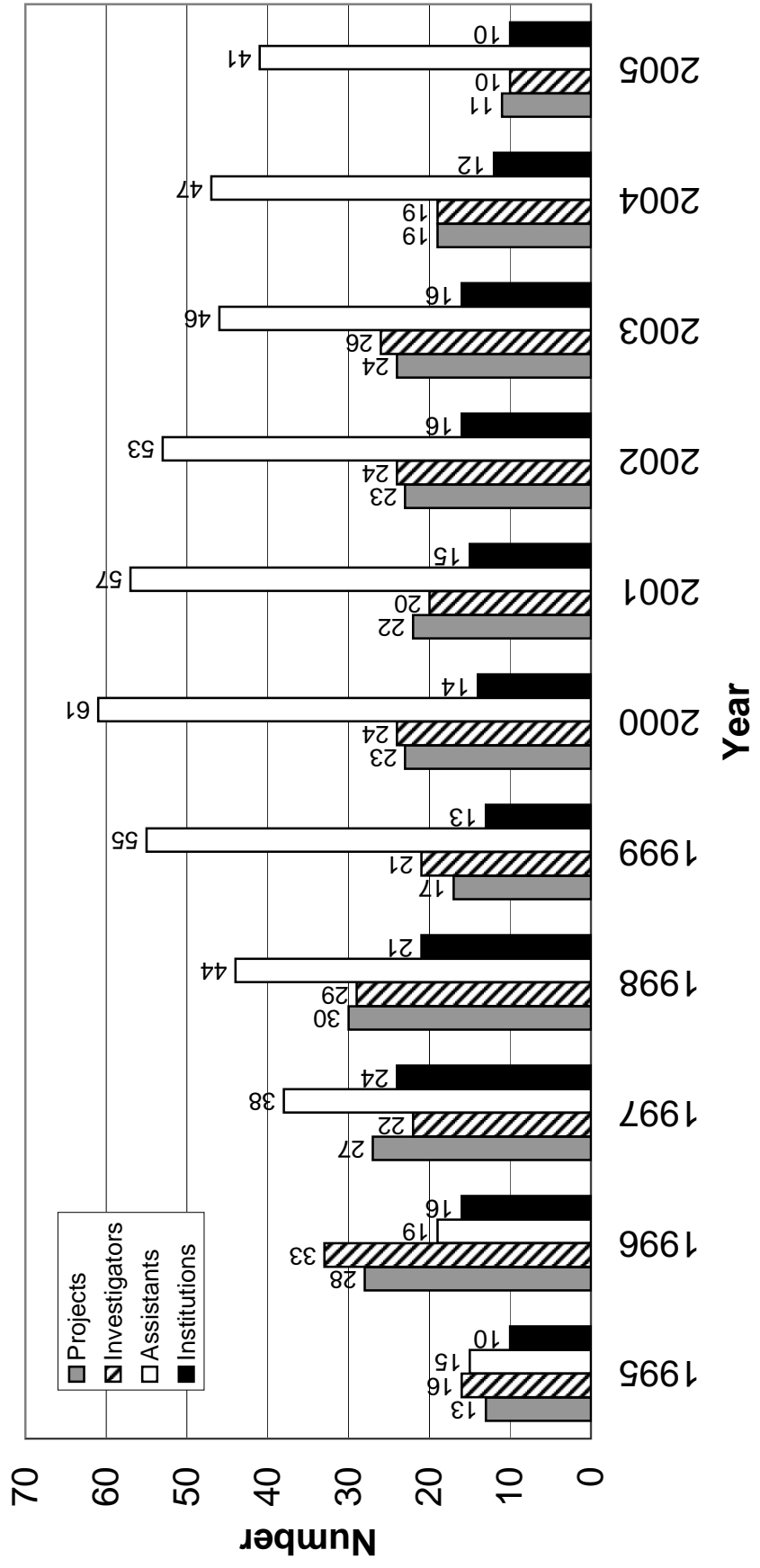


FIGURE 11
Number of Students Receiving Stone Laboratory Scholarships for Summer
College Programs
1990-2005

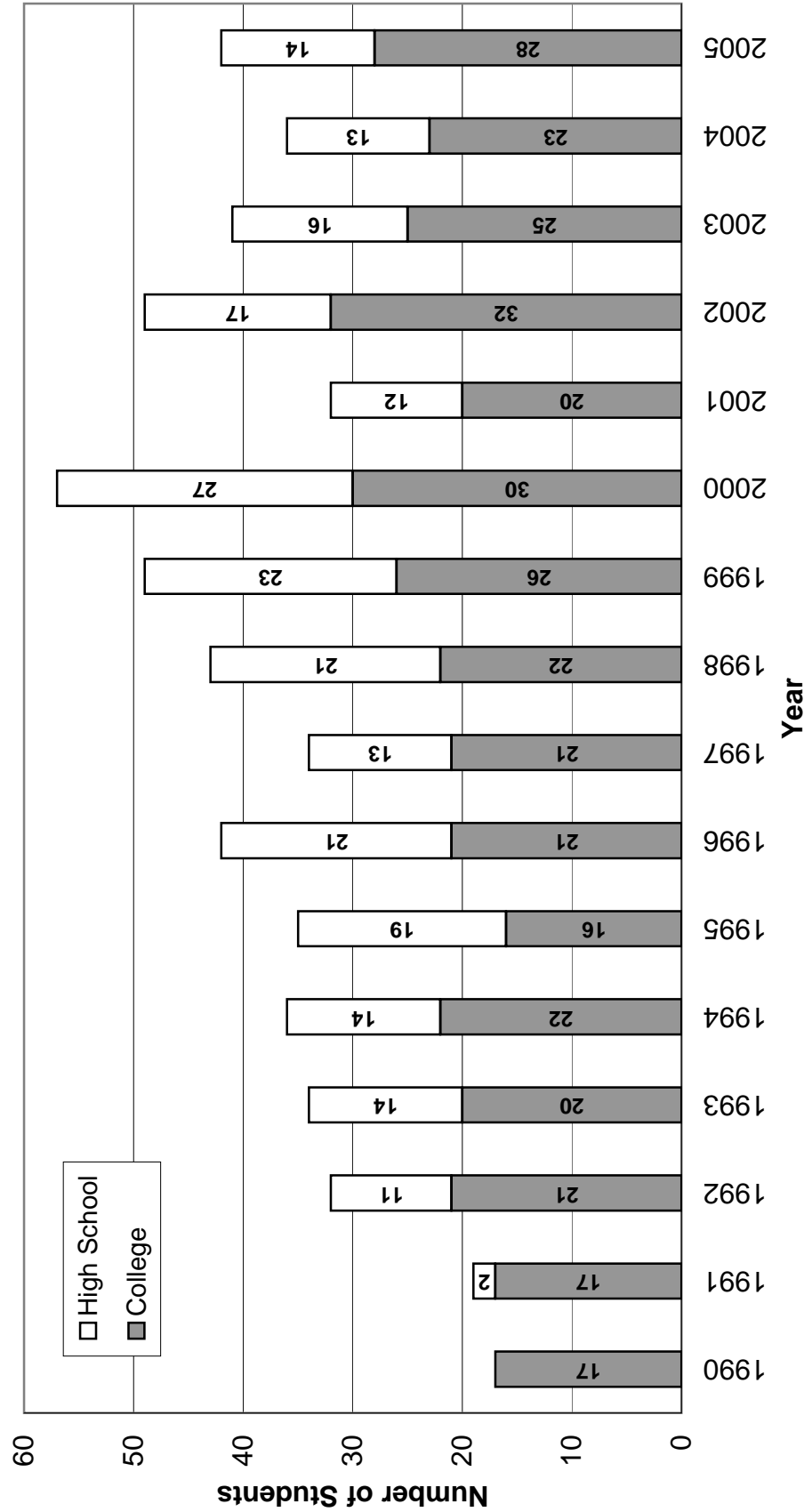


FIGURE 12

Total Value of Scholarships Awarded to College and High School Participants in Stone
Laboratory Summer College Program
1990-2005

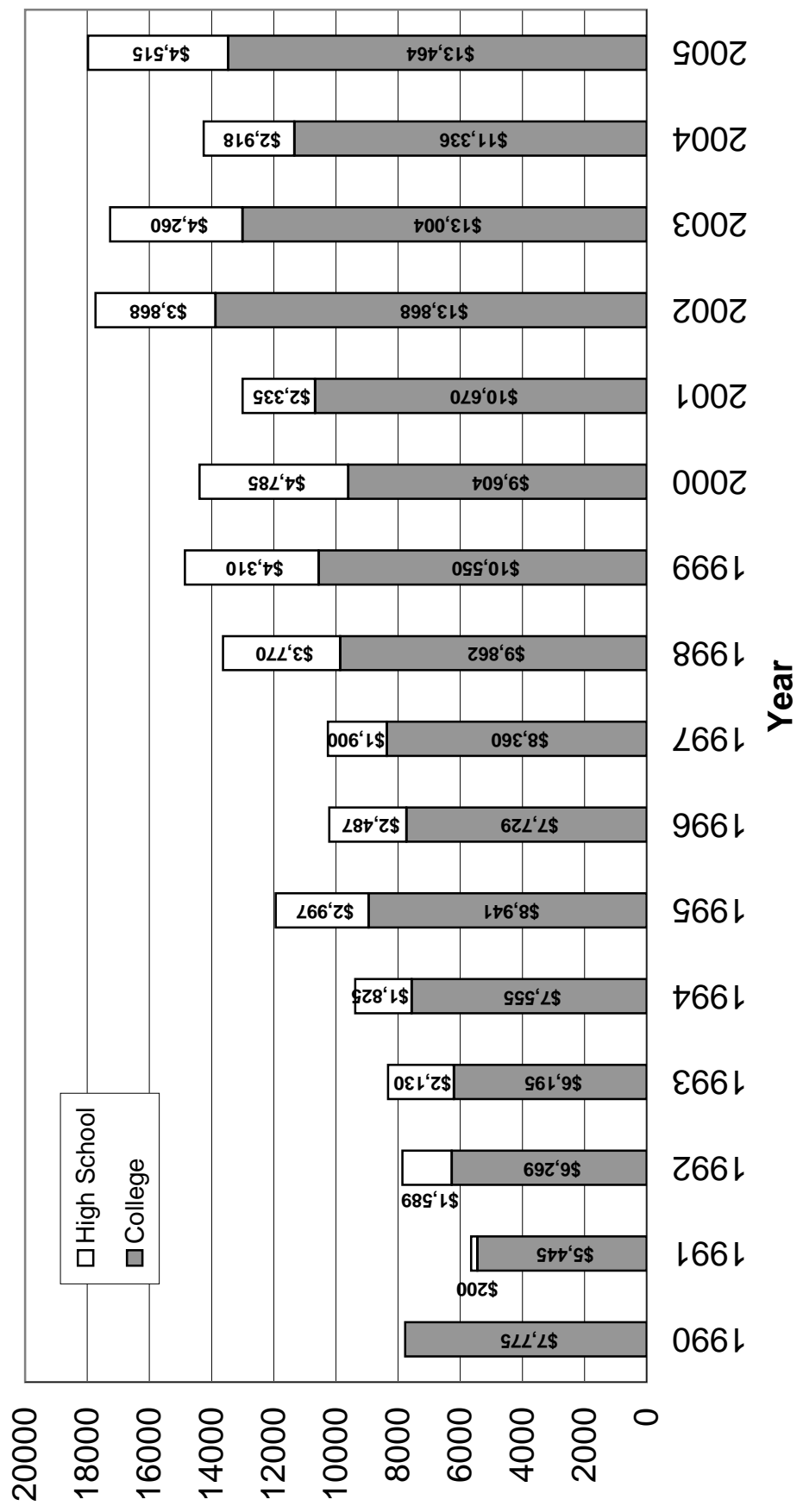
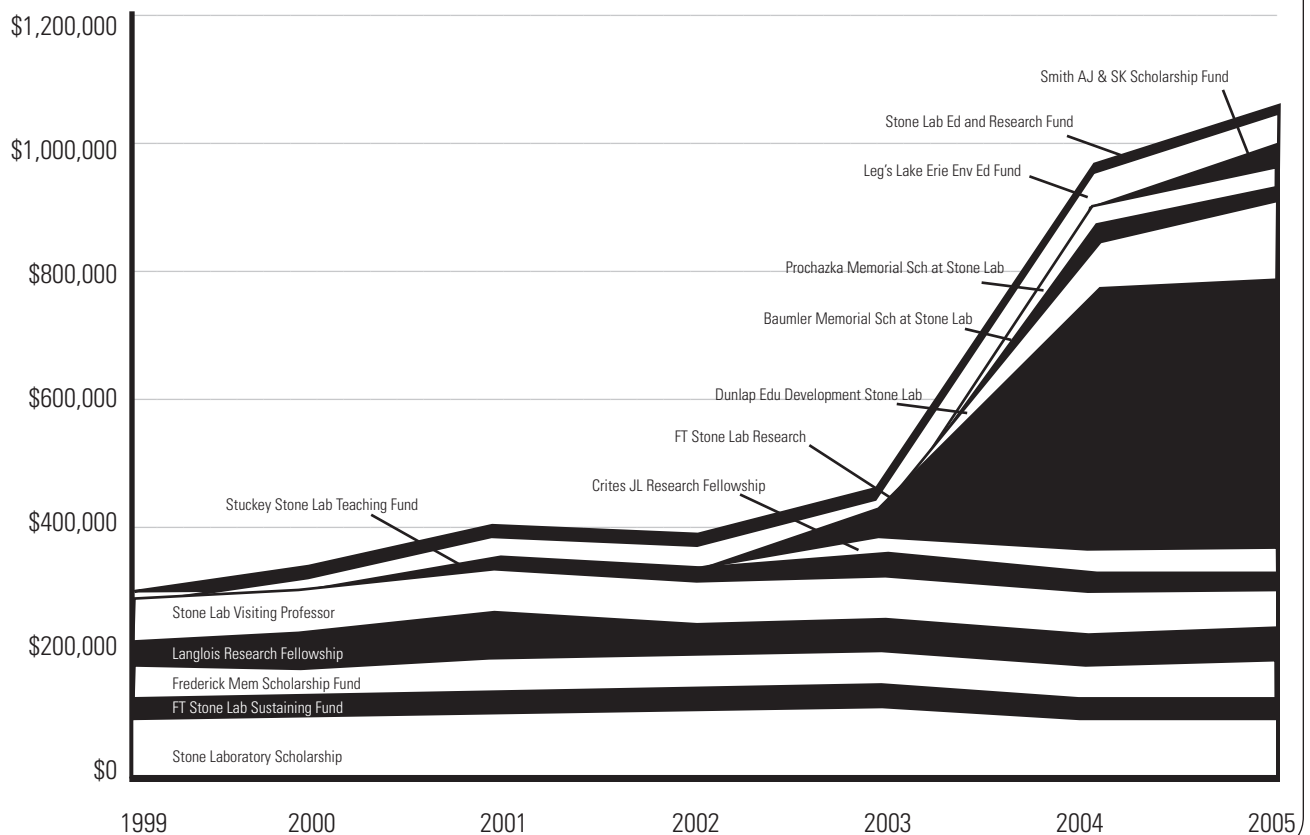


Figure 13. Endowment values (June 30 Equity Reports)

Fund	Description	1999	2000	2001	2002	2003	2004	2005
607012	Stone Laboratory Scholarship <i>(Established Sept. 2, 1983)</i>	\$99,731	\$104,029	\$112,524	\$115,349	\$117,373	\$99,255	\$99,991
607015	FT Stone Lab Sustaining Fund <i>(Established Dec. 8, 1983)</i>	\$43,766	\$44,361	\$45,046	\$46,016	\$46,601	\$47,651	\$49,870
602290	Frederick Memorial Sch Fund <i>(Established April 4, 1986)</i>	\$30,616	\$32,524	\$45,701	\$45,786	\$45,911	\$45,986	\$46,086
603930	Langlois Research Fellowship <i>(Established Dec. 5, 1986)</i>	\$33,716	\$39,148	\$46,638	\$34,896	\$40,146	\$40,271	\$40,296
607014	Stone Lab Visiting Professor <i>(Established Sept. 7, 1987)</i>	\$45,669	\$45,669	\$45,719	\$45,719	\$45,719	\$45,779	\$45,791
605406	Sea Grant Endowment <i>(Established Feb. 6, 1987)</i>	\$18,312	\$18,822	\$19,472	\$20,202	\$20,742	\$21,552	\$21,812
	Leg's Lake Erie Env Ed Fund <i>(Established July 1, 1999)</i>	—	\$9,508	\$33,330	\$29,262	\$33,468	\$35,308	\$35,308
	Stone Lab Ed and Research Fund <i>(Established November 30, 1999)</i>	—	\$14,431	\$13,358	\$11,533	\$13,075	\$13,787	\$13,787
607052	Stuckey Stone Lab Teaching Fund <i>(Established Feb. 2, 1996)</i>	—	—	\$16,455	\$16,905	\$17,325	\$18,100	\$18,405
601510	Crites JL Research Fellowship <i>(Established Sept. 6, 2002)</i>	—	—	—	—	\$30,815	\$33,757	\$36,307
602289	FT Stone Lab Research <i>(Established Sept. 6, 2002)</i>	—	—	—	—	\$67,901	\$458,555	\$459,384
641860	Dunlap Edu Development Stone Lab <i>(Established Feb. 6, 2004)</i>	—	—	—	—	—	\$54,692	\$130,343
600389	Baumler Memorial Sch at Stone Lab <i>(Established March 5, 2004)</i>	—	—	—	—	—	\$25,000	\$25,170
605928	Prochazka Memorial Sch at Stone Lab <i>(Established March 5, 2004)</i>	—	—	—	—	—	\$25,025	\$25,495
646690	Smith AJ & SK Scholarship Fund <i>(Established Nov. 5, 2004)</i>	—	—	—	—	—	—	\$25,100
	Total Equity	\$271,810	\$308,493	\$378,243	\$365,669	\$479,076	\$964,719	\$1,073,147
	<i>Percentage change</i>	—	13.50%	22.61%	-3.32%	31.01%	101.37%	11.24%



Stone Laboratory 2005

Program Review Tables



TABLE 1

**Stone Laboratory Staff
2005**

Administration

Jeffrey M. Reutter	Director
Eugene C. Braig	Assistant Director
Bonita C. Cordi	Office Associate
Michael S. Dixon	Director, Maintenance, Physical Facilities
Kelly L. Dress	Laboratory Office Associate, Put-in-Bay
Rosanne W. Fortner	Associate Director (until 6-30-05)
John R. Hageman	Laboratory Manager, Put-in-Bay
Jill Jentes Banicki	Communications Coordinator
John R. Kleberg	Student Affairs Supervisor
Steven A. Kremer	Assistant Vice President, Student Affairs
Shanny O'Rourke-Scherf	Manager, Housing and Food Service, Put-in-Bay (beginning 8-1-05)
Arleen N. Pineda	Program Coordinator
Gerald K. Pullins	Assistant Director, Maintenance, Physical Facilities (until 9-30-05)
Matt A. Thomas	Assistant Laboratory Manager, Put-in-Bay
John L. Tripp	Business Manager

Teaching Faculty

Ian Adams	Non-Credit Workshop- <i>Lake Erie Islands Photography Workshop</i>	July 8- July 10
D. Derek Aday	EEOB 125- <i>Introductory Aquatic Biology</i>	Aug 7 - Aug 13
Christopher L. Caprette	EEOB 622- <i>Herpetology</i>	June 19- July 20
David A. Culver	EEOB 694- <i>Biocomplexity: Large Lake-Human Interactions</i>	Aug 7- Aug 13
Rosanne W. Fortner	Nat Res 611- <i>Great Lakes Education Workshop</i>	June 12- June 18
“	Nat Res 690- <i>Global Change Education</i>	June 26 - July 2
“	Nat Res 893- <i>Curric. Devel. and Evaluation for GL and Envir. Edu.</i>	June 19- June 25
John E. Gannon	EEOB 653- <i>Fish Ecology</i>	July 21 - Aug 20
Robert J. Gates	Nat Res 629- <i>Ecology & Management of Wetland Birds</i>	July 10 - July 16
John R. Hageman	EEOB 692- <i>Ichthyoplankton Identification Workshop</i>	June 26
Michael A. Hoggarth	EEOB 651- <i>Field Zoology</i>	June 19 - July 20
Joseph R. Holomuzki	EEOB 785- <i>Stream Ecology for Teachers (at OWC)</i>	July 10 - July 16
David J. Horn	Ent 520- <i>Insect Biology for Teachers</i>	July 24- July 30
Elena Irwin	AEDE 694- <i>Biocomplexity: Large Lake-Human Interactions</i>	Aug 7- Aug 13
David J. Jude	EEOB 653- <i>Fish Ecology</i>	July 21 - Aug 20
Douglas D. Kane	EEOB 652- <i>Limnology</i>	July 21- Aug 20
“	EEOB 694- <i>Field Ecology</i>	June 12- June 18
Lawrence A. Krissek	Geological Sciences 107- <i>Field-Based Introduction to Oceanography</i>	June 26 - July 2
“	Geological Sciences 583.03- <i>Geologic Setting of Lake Erie</i>	July 16 - July 22
“	Geological Sciences 584- <i>Prin. of Oceanography for Science Teachers</i>	July 3 - July 9
Lisa Kutschbach-Brohl	EEOB 694- <i>Local Flora for Teachers</i>	July 31- Aug 6
Richard Londraville	EEOB 621- <i>Ichthyology</i>	June 19- July 20
Sally A. Miller	Plant Pathology 685- <i>Diagnostic Field Plant Pathology</i>	Aug 14- Aug 24
Jeffrey G. Miner	EEOB 125- <i>Introductory Aquatic Biology</i>	July 12 - July 18
Paul G. Rodewald	EEOB 126- <i>Introduction to the Study of Birds</i>	June 12 - June 18
Scott D. Shalaway	EEOB 522- <i>Ornithology for Teachers</i>	June 19 - June 25
Frederic L. Snyder	EEOB 125- <i>Introductory Aquatic Biology</i>	July 24 - July 30
“	EDU PAES 140.07- <i>Lake Erie Sport Fishing</i>	July 10- July 16
Kristin M. Stanford	EEOB 622- <i>Herpetology</i>	June 19 - July 20
R. Christopher Stanton	Entomology 126- <i>Introductory Insect Biology</i>	July 17 - July 24
Carmen E. Trisler	Entomology 612- <i>Aquatic Entomology</i>	July 21 - Aug 20

Graduate Teaching Associates

Shabeg Briar	Diagnostic Field Plant Pathology	Week 11
Ashley Font *	Introductory Insect Biology	Week 07
Lina Juswara	Local Flora for Teachers	Week 09
Amy Kulesza	Introductory Aquatic Biology	Week 02
“	Stream Ecology for Teachers	Week 06
“	Introductory Aquatic Biology	Week 08
Jessica Miesel	Field Zoology	Term 1
Christian Nava- Diaz	Diagnostic Field Plant Pathology	Week 11
Karen Simpson *	Great Lakes Education Workshop	Week 02
“	Ichthyology	Term 1
“	Limnology	Term 2
Michael Sovic	Field Ecology	Week 02
“	Lake Erie Sport Fishing	Week 06
“	Introductory Aquatic Biology	Week 10
Christina Specker	Field-Based Introduction to Oceanography	Week 04
“	Principles of Oceanography for Science Teachers	Week 05
Carolyn Waggoner	Aquatic Entomology	Term 2
David Zuwerink ¹	Fish Ecology	Term 2

*non-graduate Ohio State University teaching associate

¹ also enrolled in Stone Laboratory core courses

Student Research Assistants (also enrolled in Stone Laboratory courses)
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Melissa Backus	Research Assistant – Term 2, MWF
J. Breen Johnson	Research Assistant – Term 1, TRS; also Bookstore/Librarian
Eric Kightley	Research Assistant – Term 2, TRS
Lynette Overholser	Research Assistant – Term 2, MWF; also Bookstore/Librarian
Corey Yugulis	Research Assistant – Term 2, TRS

Student Assistants (also enrolled in Stone Laboratory courses)

Melissa Backus	Laboratory – Term 1, TRS; also Bookstore/Librarian – Term 2
J. Breen Johnson	Bookstore/Librarian – Term 1
Tyler Lawson	Laboratory – Term 1, MWF <i>Charles Morin Research Fellowship</i>
Lynette Overholser	Bookstore/Librarian – Term 2
Jennifer Wiles	Laboratory – Term 1, TRS; also Bookstore/Librarian – Term 1

Office, Technical, Physical Facilities, and Housing & Food Service Staff

Greg Alysworth	Graphic Illustrator, Columbus (until 10-23-05)
Allen J. Duff	Boat Captain and Building Maintenance Superintendent, Physical Facilities, Put-in-Bay
Robin Glauser	Cook, Housing & Food Service, Put-in-Bay
Linda Gray	Housekeeping Supervisor, Housing & Food Service, Put-in-Bay
George Oommen	Computer Technical Support, Columbus
Shanny O'Rourke-Scherf	Office Assistant, Housing & Food Service, Put-in-Bay
Thomas Siwa, Jr.	Cook, Housing & Food Service, Put-in-Bay
Mark J. Wilhelm	Maintenance Repair Worker, Physical Facilities, Put-in-Bay
Art L. Wolf	Boat Captain and Plant Maintenance Engineer, Physical Facilities, Put-in-Bay

Workshop Assistants

	<u>Season of Employment</u>		
Lisa Brohl	spring	summer	fall
Carol Ferguson	spring	summer	fall
Michael Foltz	spring	-----	----
Karen Simpson	spring	summer	----
Tom Thorne	-----	summer	----

TABLE 2

**Stone Laboratory Curriculum
2005**

AEDE 694.05 • Biocomplexity: Large Lake-Human Interactions

Week 10, August 7- 13..... Dr. Elena Irwin, *Ohio State University*, and others
A case study-based course that will address theories of judgment and decision-making as they relate to Great Lakes issues. Cross-listed course with EEOB 694. 3 undergraduate/graduate credit hours.

EDU PAES 140.07 • Lake Erie Sport Fishing

Week 6, July 10-16.....Frederic L. Snyder, *Ohio State University*
An introduction to techniques and equipment used in Lake Erie sport fishing featuring Lake Erie angling trips with lectures that include related aquatic science information. 3 undergraduate credit hours.

EEOB 110 • Introduction to Local Flora

CANCELLED

Week 3, June 19-25..... Lisa A. Kutschbach-Brohl, *U.S. Department of Agriculture*
An introduction to the identification and ecology of terrestrial and wetland vegetation.
3 undergraduate credit hours.

EEOB 125 • Introductory Aquatic Biology

Week 1, June 5-11..... **CANCELLED**.....Dr. David L. Johnson, *Ohio State University*
Week 2, June 12-18.....Dr. Jeffrey G. Miner, *Bowling Green State University*
Week 8, July 24-30..... Frederic L. Snyder, *Ohio State University*
Week 10, August 7-13..... Dr. D. Derek Aday, *Ohio State University*
An introduction to field techniques and the study of aquatic biology. 3 undergraduate credit hours.

EEOB 126 • Introduction to the Study of Birds

Week 2, June 12-18.....Drs. Paul G. and Amanda Rodewald, *Ohio State University*
An introduction to the study of birds including field techniques and identification.
3 undergraduate credit hours.

EEOB 522 • Ornithology for Teachers

Week 3, June 19-25..... Dr. Scott D. Shalaway, *Wildlife Biologist*
Field and laboratory studies of the visual and acoustical characteristics of common Ohio birds; discussion of world-wide birds and their classification; and identification of resource materials for classroom use.
3 undergraduate/graduate credit hours.

EEOB 621 • Ichthyology

Term 1, June 19-July 20, MWF Dr. Richard L. Londrville, *University of Akron*
Study of the distribution and classification of fishes, which includes methods of identification, collection, and preservation. 5 undergraduate/graduate credit hours.

EEOB 622 • Herpetology

Term 1, June 19-July 20, MWF Dr. Christopher L. Caprette, *Ohio State University*
Kristin M. Stanford, *Northern Illinois University*
Local species of reptiles and amphibians, their habitats, life histories, ecology, and classification.
5 undergraduate/graduate credit hours.

EEOB 651 • Field Zoology

Term 1, June 19-July 20, TRS..... Dr. Michael A. Hoggarth, *Otterbein College*
Field and laboratory identification of aquatic and terrestrial vertebrates and invertebrates of the region, in relation to habitats occupied. 5 undergraduate/graduate credit hours.

EEOB 652 • Limnology

Term 2, July 21-August 20, TRS..... Dr. Douglas D. Kane, *Ohio State University*
 Study of the physical, geological, chemical, and biological factors influencing freshwater life; field and laboratory techniques for determining morphometry, chemistry, and biological productivity of lakes, streams, and wetlands are emphasized. 5 undergraduate/graduate credit hours.

EEOB 653 • Fish Ecology

Term 2, July 21-August 20, MWF Drs. John E. Gannon, *Intl. Joint Commission*, and David J. Jude, *University of Michigan*
 Field and laboratory studies of life histories and interspecific relationships of fishes, and of the various factors influencing their abundance. 5 undergraduate/graduate credit hours.

EEOB 692 • Ichthyoplankton Identification Workshop

One Day, Sunday, June 26, 9:00 a.m.-5:00 p.m. John R. Hageman and Dr. Jeffrey M. Reutter (Instructor of Record), *Ohio State University*
 This workshop will take students, agency professionals and other interested individuals through the techniques involved with the collection and identification of common larval fishes of the Lake Erie drainage basin. Graded satisfactory or unsatisfactory (S/U). May be taken as a non-credit workshop for \$275. 1 undergraduate/graduate credit hour.

EEOB 694 • Field Ecology

Week 2, June 12-18..... Dr. Douglas D. Kane, *Ohio State University*
 A field-based introduction to the distribution and abundance of animals and plants in pond, lake, river, marsh, beach, field, and woodland ecosystems for teacher, undergraduates, and graduate students. 3 undergraduate/graduate credit hours.

EEOB 694 • Local Flora for Teachers

Week 9, July 31-August 6 Lisa A. Kutschbach-Brohl, *U.S. Department of Agriculture*, and Dr. Jeffrey M. Reutter (Instructor of Record), *Ohio State University*
 A hands-on course for educators that includes botanical and identification skills, field experience, and preparation of lessons for classroom use. Not open to students with credit for EEO 110. 3 undergraduate/graduate credit hours.

EEOB 694 • Biocomplexity: Large Lake – Human Interactions

Week 10, August 7-13..... Dr. David A. Culver, *Ohio State University and others*
 A case study-based course that will address theories of judgment and decision-making as they relate to Great Lakes issues. Cross-listed course with AEDE 695.05. 3 undergraduate/graduate credit hours.

Entomology 126 • Introductory Insect Biology

Week 7, July 17-23..... Dr. R. Chris Stanton, *Baldwin-Wallace College*
 An introduction to the study of insects including biology, ecology, identification, and field techniques. 3 undergraduate credit hours.

Entomology 520 • Insect Biology for Teachers

Week 8, July 24-30..... Dr. David J. Horn, *Ohio State University*
 A hands-on course for K-12 teachers in formal and informal education. Includes morphology, identification, and unique behaviors of insects as well as activities to use with students for both terrestrial and aquatic insects. Teachers will each develop meaningful and useful curriculum activities about insects. 3 undergraduate/graduate credit hours.

Entomology 612 • Aquatic Entomology

Term 2, July 21-August 20, MWF Dr. Carmen E. Trisler, *Wittenberg University*
 For preparation in the teaching of biology or for research on aquatic resources; emphasis on taxonomy and ecology of immature and adult aquatic insects. 5 undergraduate/graduate credit hours. .

Geological Sciences 107 • Field-Based Introduction to Oceanography

Week 4, June 26-July 2Dr. Larry A. Krissek, *Ohio State University*
An introduction to the study of oceanography including field techniques. 3 undergraduate credit hours.

Geological Sciences 584 • Principles of Oceanography for Science Teachers

Week 5, July 3-9.....Dr. Larry A. Krissek, *Ohio State University*
Origin, development, and structure of oceanic basins and their contents; contemporary oceanic processes of geologic significance. Discussions of effective classroom presentations of oceanographic principles. Not open to students with credit for Geological Sciences 107 or 206. 3 undergraduate/graduate credit hours.

Natural Resources 611 • Great Lakes Education Workshop

Week 2, June 12-18..... Dr. Rosanne W. Fortner, *Ohio State University*
Techniques and curricula for presenting interdisciplinary aspects of the Great Lakes in formal and non-formal education settings. 3 undergraduate/graduate credit hours.

Natural Resources 617 • Aquatic Environmental Science for Teachers

CANCELLED

Week 7, July 17-23..... Dr. David L. Johnson, *Ohio State University*
Hands-on field and laboratory studies of coastal and lake environmental systems, including current science of physical and biological characteristics and processes, interactions of species, identification of organisms and conditions related to their survival. 3 undergraduate/graduate credit hours.

Natural Resources 629 • Ecology and Management of Wetland Birds

Week 6, July 10-16..... Dr. Robert J. Gates, *Ohio State University*
Ecology, life history, and management of waterfowl (Anseriformes and related species) from a wetland habitat perspective. Emphasis on North American populations and wetland habitats. 3 undergraduate/graduate credit hours.

Natural Resources 690 • Global Change Education

Week 4, June 26-July 2 Dr. Rosanne W. Fortner, *Ohio State University*
Materials and methods for presenting interdisciplinary aspects of global climate change and its impacts on global and regional settings. 3 undergraduate/graduate credit hours.

Natural Resources 799 • Current Topics in Environment and Engineering

Term 1 & Term 2 Dr. Jeffrey M. Reutter, *Ohio State University*
These seminars present research, management, and policy on Thursday evenings throughout the summer at Stone Laboratory (or on Columbus campus via video conferencing). Must attend three seminars (six lectures). Graded satisfactory or unsatisfactory (S/U). 1 undergraduate/graduate credit hour.

Natural Resources 893 • Curriculum Development and Evaluation for Great Lakes and Environmental Education

Week 3, June 19-25 Dr. Rosanne W. Fortner, *Ohio State University*
Students convert existing high-quality science activities to interactive internet forms or construct new materials to meet modern curriculum standards. On-island instruction, delayed project submission. Computer required. Students desiring a 5-credit course may continue working beyond Week 3 off-campus on additional projects. Graded satisfactory or unsatisfactory (S/U). 3-5 undergraduate/graduate credit hours.

Plant Pathology 685 • Diagnostic Field Plant Pathology

Week 11 (Ten Days), August 14-24Dr. Sally A. Miller, *Ohio State University*
Study of plant diseases in the field with emphasis on diagnosis and epidemiology; supplementary laboratory work. Additional prerequisite: General plant pathology course. Cost for room and meals is \$496 for the dates August 14-24. 3 undergraduate/graduate credit hours.

SPECIAL OFFERINGS:

EEOB 785 • Stream Ecology for Teachers

Week 6, July 10-16..... Dr. Joseph R. Holomuzki, *Ohio State University*
This course introduces high school teachers to hydrology, stream organisms, field techniques and experimental design in ways that can be applied in the classroom and field. Course held at Old Woman Creek, Huron, Ohio. Free lodging: students provide their own meals. 3 undergraduate/graduate credit hours.

Geological Sciences 583.03 • Geologic Setting of Lake Erie

Week 7, July 16-22.....Dr. Larry A. Krissek, *Ohio State University*
Examination of geologic features along the southern shore of Lake Erie during a week-long van trip, including an interpretation of the geologic history of Ohio in the Lake Erie basin, and an examination of relationships between human activity and the geology of the area. Approximate cost for room, meals, and transportation during one-week long van trip will be \$450. Class will originate from and end at the Fawcett Center in Columbus, Ohio. 3 undergraduate/graduate credit hours.

Individual Studies 293/693

Qualified students may select problems in botany, entomology, microbiology, zoology or other participating departments, and may choose the instructor with whom they desire to work. 1-5 credit hours.

Research 998/999

This number is reserved for graduate students in a degree program conducting research for a M.S. thesis or Ph.D. dissertation.

Honor Course H783

This number is reserved for students in the honors program desiring to select problems in Individual Studies.

NON-CREDIT WORKSHOP:

Lake Erie Island Photography Workshop

Three Days, July 8-10 Ian Adams
Field photography sessions using the natural and cultural subjects unique to the Lake Erie Islands are interspersed with classroom discussions and photo critiques of each student's work. Emphasis on digital techniques. Must be at least 18 years of age and familiar with the operation of a digital camera. Student supplies own camera. Workshop fee is \$350. Cost includes instructor, lab, room, and meals for two nights and three days.

TABLE 3

**Stone Laboratory Guest Lectures
2005**

Ohio Sea Grant College Program
Environmental Sciences Graduate Program
Environmental Policy Initiative
The Ohio State University
Gibraltar Island, Put-in-Bay, Ohio

All lectures begin at 7:45 PM and conclude at approximately 9:00 PM. Each lecture is preceded by a short lecture on current research at 7:00 PM and both lectures are broadcast live to 244 Kottman Hall on the OSU main campus. An OSU boat leaves the dock in front of the OSU Research Building (near State Fish Hatchery) at 7:15 PM before each lecture. Transportation on this boat to and from Gibraltar Island is free. We can also transmit the lectures to remote locations. Contact the Stone Laboratory Office for information or a listing of the research presentations (614.247.6500).

Week 1	6/9	No Lecture
Week 2	6/16	Dr. Rosanne W. Fortner , Natural Resources, Ohio State University "Ohio Sea Grant Education: Progress and Promise"
<u>TERM 1</u>		
Week 3	6/23	Dr. Richard T. Sayre , Plant Cellular and Molecular Biology, Ohio State Univ. "Biotechnological Applications of Freshwater Microalgae in Environmental Remediation, Medicine and Industry"
Week 4	6/30	Dr. Charles E. Herdendorf , Professor Emeritus, Ohio State University "Volcanoes to Glaciers: 2 Billion Years of Great Lakes Geology in the Making"
Week 5	7/7	Dr. Roderick G. W. Chu , Chancellor, Ohio Board of Regents "The Knowledge Economy and a Flattened World: The Case for Community-Led Change in Ohio"
Week 6	7/14	Dr. Jan Ciborowski , Biological Sciences and GLIER, University of Windsor "Developing, Evaluating, and Integrating Biological Indicators of Environmental Conditions at Great Lakes Coastal Margins"
Week 7	7/21	Transition between terms—No Lecture
<u>TERM 2</u>		
Week 8	7/28	Marc Gaden , Great Lakes Fishery Commission "An Action Plan to Address Aquatic Invasive Species in the Great Lakes"
Week 9	8/4	Dr. Ellen Mosley-Thompson , Byrd Polar Research Center, Ohio State Univ. "Evidence for Climate Change: Unique Insights to the Earth's Climate History from Glaciers"
Week 10	8/11	Dr. David Culver , EEOB, Ohio State University "Lake Erie Biocomplexity: Fluid Dynamics, Trophic Dynamics, People and Fish"
Week 11	8/18	End of Second Term—No More Lectures
Week 14	9/10	Open House—11:30-4:00 Saturday—Open to Public Stone Laboratory Open House with Educational Programs and Tours of Gibraltar Island and South Bass Lighthouse followed by the Friends of Stone Laboratory Annual Meeting.

* Sponsors: Friends of Stone Laboratory, the Ohio Sea Grant College Program, the Office of Student Affairs, the Environmental Sciences Graduate Program, and the Environmental Policy Initiative at Ohio State University.

TABLE 4

**Stone Laboratory Research Briefs
2005**

Ohio Sea Grant College Program
The Ohio State University
(614.247.6500 or 419.285.2341)

All research briefs begin at 7:00 PM and conclude at approximately 7:20 PM. Contact the Stone Laboratory Office for information (614.247.6500).

Week 1	6/9	No Lecture
Week 2	6/16	Dr. Paul G. Rodewald , Natural Resources, Ohio State University “Ecology and behavior of migrating songbirds in the Lake Erie region”
<u>TERM 1</u> Week 3	6/23	Dr. Richard Londrville , Biology, University of Akron “Parasites and proteomics in bluegill sunfish”
Week 4	6/30	Dr. Lawrence A. Krissek , Geological Sciences, Ohio State University “Sediment records of climate change”
Week 5	7/7	Dr. Maria Célia Portella , Biology-Aquaculture Center, São Paulo State University, Brazil “New advances in South American fish, pacu (<i>Piaractus mesopotamicus</i>) larviculture: the use of the stable isotopes (d 13C and d 15N) as natural markers of the food source”
Week 6	7/14	Dr. Robert J. Gates , Natural Resources, Ohio State University “Habitat relationships of migrating waterbirds in coastal marshes of the western Lake Erie basin”
Week 7	7/21	Transition between terms—No Lecture
<u>TERM 2</u> Week 8	7/28	Dr. David J. Jude , Natural Resources and Environment, University of Michigan “Round goby induced changes in reef and harbor trophic and contaminant relationships as revealed with stable isotopes”
Week 9	8/4	Dr. Meg Daly , Evolution, Ecology, and Organismal Biology, Ohio State University “It came from the deep: diversity and evolution of deep sea invertebrates”
Week 10	8/11	Joseph D. Conroy , Evolution, Ecology, and Organismal Biology, Ohio State University “Watershed connections to Lake Erie: the algal loading hypothesis”
Week 11	8/18	End of Second Term—No More Lectures
Week 14	9/10	Open House—11:30-4:00 Saturday—Open to Public Friends of Stone Laboratory Annual Meeting with Educational Programs and Tours of Gibraltar Island and South Bass Lighthouse

TABLE 5

**Stone Laboratory Workshops, Conferences and Tours
2005**

Date	Group Name/City/Leader	No.	Description
1. 3/29-30	Kinetrics / Toronto, ONT CANADA Irene Cord, Al Morton, Darlene Ager, Nicole Heller	4	Workshop
2. 3/29-30	Bowling Green State University / Bowling Green, OH Josh Osborn, April Hannum, Heather Hickey	3	Workshop
3. 3/31-4/1	EcoAnalysts / Moscow, ID Matt Hall	1	Workshop
4. 3/31-4/1	SoBran, Inc. / Cincinnati, OH Jason Berninger	1	Workshop
5. 3/31-4/1	Amec / Wexford, PA Jason McCabe, Peter Barth, Justin Jonston, Jason Boni	4	Workshop
6. 3/31-4/1	Amec / Minneapolis, MN Kris Knudsen	1	Workshop
7. 3/31-4/1	Amec / Somerset, NJ Christy L. Calhoun	1	Workshop
8. 3/31-4/1	Amec / Nashville, TN Samuel Parrish	1	Workshop
9. 3/31-4/1	Amec / Columbus, OH Jennifer Pyzoha	1	Workshop
10. 3/31-4/1	Kleinschmidt / Essex, CT Jennifer Burton	1	Workshop
11. 3/31-4/1	Saginaw Valley State University / University Center, MI Dr. Steve Taber	1	Workshop
12. 3/31-4/1	Bowling Green State University / Bowling Green, OH Daniel Welsh, Brian Zimmerman, Troy Fagan	3	Workshop
13. 4/16-17	Friends of Stone Lab Work Weekend Charlene Prochazka	25	Conference
14. 4/17	Terra Community College / Fremont, OH Amy Below	6	Tour
15. 4/21-22	East Toledo Jr. High School / Toledo, OH Melody Ontko	47	Workshop
16. 4/26	West Side Montessori / Toledo, OH Chris Young	29	Workshop
17. 4/27-29	Sewickley Academy / Sewickley, PA Emily Moser	65	Workshop
18. 4/29	Maumee High School / Maumee, OH Brad Ballard	17	Workshop

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
19. 5/3	South Amherst / South Amherst, OH Chuck Latto	34	Workshop
20. 5/3	Pheasants Forever TV Jim Inglis & Bill Sherck	3	Tour
21. 5/5	Worthington Middle School Overview / Worthington, OH	94	Tour
22. 5/5	Sandusky High School / Sandusky, OH Lily Everson & Chelsey Glorisos	2	Tour
23. 5/5-6	Worthington Christian High School / Worthington, OH Debra Walton	19	Workshop
24. 5/5-6	Columbiana High School / Columbiana, OH Dan Vargo	11	Workshop
25. 5/6-7	Pleasant View Middle School / Grove City, OH Dave Cachet	28	Workshop
26. 5/9	Tiffin City Heights / Tiffin, OH Dave Mowrey	15	Workshop
27. 5/9-10	Woodside Middle School / Ft. Wayne, IN Peter Bray	43	Workshop
28. 5/10	Elderhostel Program PIB I / Put-in-Bay, OH Susie Copper	47	Workshop
29. 5/10-13	Bloom Carroll, Fairfield Union & Liberty Union / Carroll, OH Diane Gabriel	49	Workshop
30. 5/12	Wynford High School / Bucyrus, OH Glen Smith	19	Workshop
31. 5/12	Troy Intermediate School /Avon Lake, OH Marianne Kaput	31	Workshop
32. 5/13	Immaculate Conception / Bellevue, OH Darlene DeBlase	64	Workshop
33. 5/14	Dr. Richard Londrville / Akron, OH	1	Tour
34. 5/14	OSU Geology Class / Columbus, OH Dr. Larry Krissek	8	Workshop
35. 5/13-15	OSU Limnology Class / Columbus, OH Dr. David Culver	5	Workshop
36. 5/16	Meadowlawn I / Sandusky, OH Chris Lowe	32	Workshop
37. 5/16	Perry/McCord Middle School / Worthington, OH Marty McTigue	61	Workshop
38. 5/16	Columbus Public-Distance Learning / Columbus, OH	20	Workshop

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
39. 5/17	Meadowlawn II / Sandusky, OH Chris Lowe	32	Workshop
40. 5/17	Elderhostel Program PIB II / Put-in-Bay, OH Susie Cooper	47	Workshop
41. 5/18	Meadowlawn III / Sandusky, OH Chris Lowe	32	Workshop
42. 5/18	St. Johns Lutheran School / Garfield Heights, OH Nowak Tours	31	Tour
43. 5/18	Oregon City School – 5 th Grade / Oregon, OH Jenna Heuring	18	Workshop
44. 5/18-19	Clintonville Academy / Columbus, OH Michael Hoffer	30	Workshop
45. 5/19	Meadowlawn IV / Sandusky, OH Chris Lowe	32	Workshop
46. 5/19-20	Miamisburg Middle School / Miamisburg, OH Michelle Morrison	51	Workshop
47. 5/20-21	Elgin West Elementary / Larue, OH Kristin Dyer	31	Workshop
48. 5/21	Boy Scout Troop 555 / Columbus, OH Kevin Carr	34	Workshop
49. 5/23	Maumee Valley Country Day School / Maumee, OH Gretchen Sting	29	Tour
50. 5/24	Whiteford Middle School / Ottawa Lake, MI Susan Bixler	55	Workshop
51. 5/24	OSU Campus Recreational Staff / Columbus, OH Brenda Sharp-Harris	8	Tour
52. 5/24-25	West Carrollton / West Carrollton, OH Susan Baker	29	Workshop
53. 5/24	Maumee Valley Country Day School / Maumee, OH Gretchen Sting	29	Tour
54. 5/25-26	Horizon Toledo / Toledo, OH Jane Yates	64	Workshop
55. 5/26	Sandusky Register / Sandusky, OH Suzanne Cervenka	2	Tour
56. 5/26	Maumee Valley Country Day School / Maumee, OH Gretchen Sting	29	Tour
57. 5/26	John Dorka / Findlay, OH	2	Tour
58. 5/26-27	Erwine Middle School / Akron, OH Jim Trogdon	54	Workshop

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
59. 5/27	All Saints Catholic / Rossford, OH Carol Gutierrez	39	Workshop
60. 5/31	St. James High School Nowak Tours	22	Tour
61. 5/31	Madison Clark / London, OH Linda Bluestone	16	Workshop
62. 5/31 –6/2	Buckeye Valley Middle School / Radnor, OH Robert Glatz	34	Workshop
63. 6/3	Kenwood Elementary / Bowling Green, OH Kent McClary	76	Workshop
64. 6/6	Lake Erie Millennium Conference Jeff Reutter	6	Conference
65. 6/8	Terra Community Elder College / Fremont, OH Joan Gamble	17	Workshop
66. 6/8	National Association of State Foresters John Dorka	14	Conference
67. 6/22	Visitors to Gibraltar Island Tours	8	Tour
68. 6/23	McGraw – Hill Videographers	3	Tour
69. 6/23	Visitors to See Guest Lecturer Dr. Richard T. Sayre “Biotechnological Applications of Freshwater Microalgae..”	3	Tour
70. 6/23	Black Swamp Bird Conservancy / Oak Harbor, OH Julie Shieldcastle	25	Workshop
71. 6/24	Jim Wallace / Medina, OH	2	Tour
72. 6/25	Perry Group / Put-in-Bay, OH Susie Cooper & Maryann Market	200	Conference
73. 6/28	B.G. S. U. Summer Institute / Bowling Green, OH Matt Partin	34	Workshop
74. 6/29	Eco-History Passport Guests at South Bass Island Lighthouse	2	Tour
75. 6/29	Visitors for Gibraltar Island Tours	8	Tour
76. 6/30	4-H Sea Camp / Kelleys Island, OH Bob Horton	19	Workshop
77. 6/30	NW OH Girl Scouts & Ottawa NWR / Oak Harbor, OH Rebecca Hinkle	23	Workshop
78. 6/30	Middle Bass Nature Camp / Middle Bass OH Lisa Brohl	28	Workshop

Table 5 – cont’d

Date	Group Name/City/Leader	No.	Description
79. 6/30	Visitors to see Guest Lecturer Dr. Charles Herdendorf “Volcanoes to Glaciers”	17	Tour
80. 7/5	Shane Stewart	1	Tour
81. 7/6	Eco-History Passport Guests at South Bass Island Lighthouse	4	Tour
82. 7/6	Visitors for Gibraltar Island Tours	21	Tour
83. 7/9	Ohio LEAD Program / Columbus, OH Tari Marcou	48	Workshop
84. 7/14	Visitors to see Guest Lecturer Dr. Jan Ciborowski “The Knowledge Economy and a Flattened World”	5	Tour
85. 7/18	Bowling Green State University / Bowling Green, OH	3	Workshop
86. 7/20	Eco-History Passport Guests at South Bass Island Lighthouse	8	Tour
87. 7/20	Visitors for Gibraltar Island Tours	26	Tour
88. 7/21	Put-in-Bay Nature Camp / Put-in-Bay, Oh Lisa Brohl	12	Workshop
89. 7/22	Radio Club	10	Conference
90. 7/23	Dayton Power Squadron / Dayton, Ohio Gary Thieler	14	Tour
91. 7/25	Put-in-Bay Environmental Adventure / Put-in-Bay, OH Lisa Brohl	25	Workshop
92. 7/26	Lorain County Community College / Elyria, OH Kelly Myer	10	Workshop
93. 7/27	Eco-History Passport Guests at South Bass Island Lighthouse	3	Tour
94. 7/27	Visitors for Gibraltar Island Tours	17	Tour
95. 7/28	Visitors to see Guest Lecturer Dr. Chris Goddard “An Action Plan to Address Aquatic Invasive Species in Lake	8	Tour
96. 7/29	Frederick Family Tour / Port Clinton, OH	8	Tour
97. 8/3	Eco-History Passport Guests at South Bass Island Lighthouse	8	Tour
98. 8/3	Visitors for Gibraltar Island Tours	10	Tour

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
99. 8/4	Visitors to see Guest Lecturer Dr. Ellen Mosley-Thompson “Evidence for Climate Change”	3	Tour
100. 8/5	Coastal Resources Advisory Council Dr. Dave Mackey	11	Workshop
101. 8/10	Ohio Legislators / Columbus, OH State Representative Chris Redfern	75	Workshop
102. 8/10	Eco-History Passport Guests at South Bass Island Lighthouse	7	Tour
103. 8/10	Visitors for Gibraltar Island Tours	22	Tour
104. 8/10-11	Medina County J.V.S. / Medina, OH Jim Wallace	7	Workshop
105. 8/15-16	Thomas More College / Crestview Hills, KY Dr. Chris Lorenz	6	Workshop
106. 8/17	Eco-History Passport Guests at South Bass Island Lighthouse	2	Tour
107. 8/17	Visitors for Gibraltar Island Tours	24	Tour
108. 8/17	Williams County SWCD / Bryan, OH Florian Chirra	6	Tour
109. 8/18	Lake Erie Science & Nature Center / Bay Village, OH Darci Sanders	4	Workshop
110. 8/18	Lagger Family / Oregon, OH	2	Tour
111. 8/21-22	National Sea Grant Assessment Team	40	Conference
112. 8/24-26	OSU Residents Life / Columbus, OH Steve Kremer	53	Conference
113. 9/1-2	Hathaway Brown High School / Shaker Heights Robin Appleby	76	Workshop
114. 9/6-7	Hilliard Station I / Hilliard, OH Tim Wilson	39	Workshop
115. 9/7-8	Hilliard Station II / Hilliard, OH Tim Wilson	38	Workshop
116. 9/7-8	OSU A.T.I. Chairs / Wooster, OH Helen Thompson	5	Conference
117. 9/8-9	Hilliard Station III / Hilliard, OH Tim Wilson	37	Workshop
118. 9/9	Port Clinton News Herald / Port Clinton, OH Kristina Smith & Polly	2	Tour

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
119. 9/9	Jefferson Elementary / Port Clinton, OH Jim Bergeman	46	Workshop
120. 9/9-11	Friends of Stone Lab Board Members Charlene Prochazka	16	Conference
121. 9/10	Stone Laboratory Open House – Gibraltar Island Dr. Jeff Reutter	703	Tour
122. 9/10	Stone Laboratory Open House – South Bass Island Lighthouse Dr. Jeff Reutter	306	Tour
123. 9/10	Friends of Stone Lab Annual Meeting Charlene Prochazka	45	Conference
124. 9/11	Friends of Stone Lab New Board Members Dr. Doug Kane	16	Conference
125. 9/12	Marblehead Lighthouse Staff / Marblehead, OH Ina Brolis	47	Tour
126. 9/12-13	Gahanna Christian Academy / Gahanna, OH Andrew Hutchingson	39	Workshop
127. 9/12-13	A.I.S. Database Conference Dr. Jeff Reutter	19	Conference
128. 9/13	Huron Extension Office Staff / Huron, OH Ted Gastier	9	Tour
129. 9/13-14	Master Gardeners / North Canton, OH Denise Ellsworth	20	Workshop
130. 9/14	Bataan Elementary / Port Clinton, OH Marty Willis	48	Workshop
131. 9/15	Franklin Elementary / Elyria, OH Charlene Hartley	40	Workshop
132. 9/15-16	Dempsey Middle School / Delaware, OH Deb Bogard	33	Workshop
133. 9/16	St. Mary of the Falls / Olmstead Falls, OH Loretta Grentzer	28	Workshop
134. 9/16	Boy Scout Troop 563 / Columbus, OH Dr. Klaus Wiesmann	11	Workshop
135. 9/16-18	OSU Council of Graduate Students / Columbus, OH Kathleen Carberry	10	Conference
136. 9/19	West Holmes High School / Millersburg, OH Doug Mohr	19	Workshop
137. 9/19	Jonathan Alder High School / Plain City, OH Ann Holben	26	Workshop
138. 9/20	Elderhostel Program PIB III / Put-in-Bay, OH Susie Cooper	27	Workshop

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
139. 9/20	Association of Ohio Life Insurance State Representative Bob Latta	12	Tour
140. 9/21	Cincinnati School Treasurers / Cincinnati, OH	8	Tour
141. 9/21	Portage Elementary / Port Clinton, OH Gary Spencer	48	Workshop
142. 9/21-23	North American Marine Labs Dr. Jeff Reutter	17	Conference
143. 9/22	Bellefontaine High School / Bellefontaine, OH Dennis Verselle	9	Workshop
144. 9/22	Toothman Family Tour / St. Clairsville, OH	8	Tour
145. 9/23	Lakota Middle School / Amsden, OH Tom Rymers	35	Workshop
146. 9/23-24	Milford Jr. High School / Milford, OH Raylene Gerber	48	Workshop
147. 9/24	Columbus Sail & Power Squadron / Columbus, OH	7	Tour
148. 9/26	Meadowlawn School V / Sandusky, OH Chris Lowe	51	Workshop
149. 9/27	Meadowlawn IV / Sandusky, OH Chris Lowe	51	Workshop
150. 9/28-30	Columbus School for Girls / Columbus, Ohio Bob Farrell	64	Workshop
151. 10/1-2	Buckeye Island Hop & FOSL - Community Service Project Karen Jennings	33	Conference
152. 10/2	Students, Parents & Teachers Stone Laboratory Open House Dr. Jeff Reutter	8	Workshop
153. 10/3-4	Brecksville High School / Broadview Heights, OH Bob Berg	18	Workshop
154. 10/4	Green Gears Lego League / Toledo, OH Dean Giolando	15	Workshop
155. 10/5	Put-in-Bay High School / Put-in-Bay, OH Paul Genzman	35	Workshop
156. 10/5-6	Phillips-Osborne High School / Painesville, OH Meg Anderson	9	Workshop
157. 10/6-7	Worthingway Middle School / Worthington, OH Mary Spencer	62	Workshop
158. 10/7-8	Mount Union College / Alliance, OH Dr. Lin Wu	9	Workshop

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
159. 10/7-8	Granville Intermediate / Granville, OH Kay Porr	17	Workshop
160. 10/8	Lake Kleenerz / Concord, OH Helen Primbas	6	Workshop
161. 10/10-11	Hilliard Tharp I / Hilliard, OH Jan Snyder	49	Workshop
162. 10/11-12	Hilliard Tharp II / Hilliard, OH Jan Snyder	49	Workshop
163. 10/12	Ray Mason & Deb Shepard	5	Tour
164. 10/12-13	Rocky River Middle School / Rocky River, OH David Opdycke	50	Workshop
165. 10/13	Put-in-Bay O.W.L.S. South Bass Island Lighthouse Tour Annie Parker	9	Tour
166. 10/13-14	Put-in-Bay 4 th , 5 th & 6 th Grades / Put-in-Bay, OH Karen Wilhelm	17	Workshop
167. 10/14-16	OSU Plankton Class / Columbus, OH Dr. David Culver	14	Workshop
168. 10/14-16	Niagara University / NY Dr. Bill Edwards	9	Workshop
169. 10/14-16	Ohio University / Athens, OH Dr. Warren Currie	6	Workshop
170. 10/17-19	Hudson Middle School I / Hudson, OH Ken Radie	34	Workshop
171. 10/19-21	Hudson Middle School II / Hudson, OH Ken Radie	35	Workshop
172. 10/21-22	Jackson Middle School / Grove City, OH David Crosby	53	Workshop
173. 10/25-26	Robinson Jr. High School / Toledo, OH Diane McClellan	17	Workshop
174. 10/26	McCormick Middle School I/ Huron, OH Leah LaCrosse	36	Workshop
175. 10/27	McCormick Middle School II / Huron, OH Leah LaCrosse	46	Workshop
176. 10/28	McCormick Middle School III / Huron, OH Leah LaCrosse	48	Workshop
177. 10/29-30	Friends of Stone Laboratory Halloween Conference Charlene Prochazka	11	Conference
178. 11/1	WGTE T.V. / Toledo OH Greg Tye	2	Tour

Table 5 – cont'd

Date	Group Name/City/Leader	No.	Description
179. 11/1-2	OSU Project Leads / Columbus, OH Alice Black	22	Conference
180. 12/5-6	Enviro Science, Inc. / Stow, OH Cortney Marquette, Jamie Krejsa, Dave Czayka, Rhonda Mendel	4	Workshop
181. 12/5-6	ENSR International / Piscataway, NJ Alek Mojeski	1	Workshop
	Workshops, Conferences and Tours	TOTAL	5327

TABLE 6

**Stone Laboratory Scholarship Recipients
2005**

<i>Name</i>	<i>Institution</i>	<i>Name of Scholarship</i>
Bartolotta, Jill	Regina High	Kelly Prochazka
Belisle, Lindsay	Piqua High	Friends of Stone Lab
Bircher, Lisa	Ohio State Univ	Smith
Boyd, John	Bowling Green State Univ	Ray Frederick
Bozek, Clare	Ohio State Univ	Karen Jennings
Chen, Yong	Ohio State Univ	Baumler
Cook-Hoggarth, Karen	Ohio State Univ	McDonald's
Dean, Sarah	Wm V Fisher Catholic High	Ray Frederick
Downey, Kelli	Ohio State Univ	Smith/Ohio Aquatic Science
Foltz, John	Ohio State Univ	Ohio Aquatic Science
Gibney, Lindsay	Ohio State Univ	Pepsi-Cola Bottling Company
Gonya, Angela	Ohio State Univ	Friends of Stone Lab
Green, Brittney	Circleville High	Friends of Stone Lab/Kelly Prochazka
Guttal, Vishwesh	Ohio State Univ	Friends of Stone Lab
Jijon, Steffani	Ohio State Univ	Friends of Stone Lab
Kightley, Eric	Ohio State Univ	Smith
King, Bethany	Ohio State Univ	Polish Fishermen's Club/Wiczulis/FOSL
Kowalczyk, Joseph	Baldwin-Wallace College	Ray Frederick
Kuentz, Brian	Baldwin-Wallace College	Ray Frederick
Lawson, Tyler	Baldwin-Wallace College	Ray Frederick
Lewicki, Sheila	Ohio State Univ	Baumler
Malott, Christine	Lynchburg-Clay High	Ray Frederick
Marantides, Andrew	Denison Univ	Ray Frederick
Markus, Elizabeth	Carroll High	Friends of Stone Lab-StSciDay*
Molesky, Jarred	Western Reserve High	Kelly Prochazka
Palmer-Holley, Tabitha	Ohio State Univ	Friends of Stone Lab
Percival, Daniel	North Olmsted High	Ray Frederick
Ricard, Edward	Bowling Green High	Ray Frederick-StSciDay*
Rospert, Angela	Ohio State Univ	Friends of Stone Lab
Sathyanarayan, Aparna	Ohio State Univ	Baumler
Scanlon, Sarah	Baldwin-Wallace College	Ray Frederick
Seger, Krystal	Minster High	Kelly Prochazka
Seltzer, Krista	Centennial High	Friends of Stone Lab
Smith, Elaina	Ohio State Univ	Oakland Park
Sutherland, Meaghan	Baldwin-Wallace College	Friends of Stone Lab
Wiles, Jennifer	Ohio State Univ	Smith
Yaussy, Charles	Bucyrus High	Ray Frederick
Yugulis, Corey	Baldwin-Wallace College	Ray Frederick
Zaykoski, Peter	Town of Webb Schools, NY	Ray Frederick
Zurkey, Adam	Baldwin-Wallace College	Ray Frederick

*StSciDay = Ohio Academy of Science State Science Day participant selected to receive an award.

TOTAL number of scholarships – 40

TOTAL value of scholarships – \$17,979

TABLE 7

**Stone Laboratory Research Experience for Undergraduates
2005**

<i>Name</i>	<i>Institution</i>	<i>Name of Fund</i>
Baker, Justin	College of Wooster	Stone
Beam, Melinda	Ohio State Univ	Stone
Bozek, Clare	Ohio State Univ	Langlois
Braun, Joan	John Carroll Univ	Stone
DuFour, Mark	Kent State Univ	Stone
Foltz, John	Ohio State Univ	Crites
Girard, Rebecca	Anoka-Ramsey Comm Coll, Cambridge, MN	Stone
Lowell, Angela	Ashland Univ	Stone
Nguyen, Hong	Ohio State Univ	Stone
Percival, Shannon	Niagara Univ, NY	Stone
Reider, Kelsey	Ohio State Univ	Stone
Sidoti, April	Baldwin-Wallace College	Stone
Sutherland, Meaghan	Baldwin-Wallace College	Stone
Tsai, Yi-jiun	Univ of Arizona, AZ	Stone

TOTAL number of REU's—14

TOTAL value of REU's—**\$46,192**

TABLE 8

**Stone Laboratory Student Roster
2005**

<i>Name</i>	<i>Permanent City/State</i>	<i>Rank</i>	<i>Major</i>	<i>College</i>	<i>Institution</i>
Carolina Amper	Musuan, Philippines	Workshop	Workshop	Workshop	OSU
Shihomi Ara	Columbus OH	Ph.D.	Environmental Econ	Graduate	OSU
Langley Austing	Lebanon OH	HS Sophomore	HS Student	HS Student	Bishop Fenwick High
Melissa Backus	Kitts Hill OH	Senior	Environmental Sci	Nat Res	OSU
Lydia Bailey	Mechanicsburg OH	Grad NonDegree	Public Policy & Mgt	Graduate	OSU
Justin Baker	Uniontown OH	Junior	Conservation/Eco-Bio	Bio Sci	College of Wooster
Kenneth Baker	Tiffin OH	Workshop	Workshop	Workshop	OSU
Jill Bartolotta	Willoughby Hills OH	HS Sophomore	HS Student	HS Student	Regina High
Laura Bast	Plymouth OH	Sophomore	Environmental Sci	Nat Res	OSU
Sally Battaglia	Fredonia NY	Workshop	Workshop	Workshop	OSU
Raananna Bayliss	Grove City OH	Master's	Grad NonDegree	Graduate	OSU
Melinda Beam	Lima OH	Senior	Zoology	Bio Sci	OSU
Lindsay Belisle	Piqua OH	HS Junior	HS Student	HS Student	Piqua High
Chelsea Bennice	Port Clinton OH	Sophomore	Biology	Bio Sci	OSU
Lisa Bircher	Columbiana OH	Master's+	Nat Res	Graduate	OSU
Melinda Bixel	Worthington OH	Grad NonDegree	Nat Res	Graduate	OSU
Jorunn Bos	Wooster OH	Master's	Plant Pathology	Graduate	OSU-Wooster
John Boyd	Mansfield OH	Senior	Integrated Sci Edu	Education	Bowling Green St Univ
Clare Bozek	Steubenville OH	Senior	Wildlife Mgt	FAES	OSU
Donna Braig	Columbus OH	Workshop	Workshop	Workshop	OSU
Joan Braun	Garfield Hts OH	Junior	Biology	Bio Sci	John Carroll Univ
Shabeg Briar	Wooster OH	Ph.D.	Agriculture	Graduate	OSU-Wooster
Kirk Broders	Wooster OH	Master's	Plant Pathology	Graduate	OSU-Wooster
Travis Brown	Lancaster OH	Senior	Zoology	Bio Sci	OSU
Barbara Bryson-Hummel	Rock Creek OH	Grad NonDegree	Learning Disabilities	Graduate	OSU
John Bucklew	Gibsonburg OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Rena Cameron	Cleveland OH	HS Junior	HS Student	HS Student	East Tech Early Coll
Amara Camp	Pittsburgh PA	Workshop	Workshop	Workshop	Juniata College
Rachel Campbell	Columbus OH	Senior	Horticulture	FAES	OSU
Lianne Carahasen	Fairborn OH	Master's	Education	Graduate	OSU
Kristina Carlson	Solon OH	Master's	Environmental Sci	Graduate	OSU
Justin Chaffin	Collins OH	Junior	Biology	Arts & Sci	Bowling Green St Univ
Chia Chang	Columbus OH	Senior	Biology	Bio Sci	OSU
Hsin-Yi Chen	Columbus OH	Senior	Biology	Bio Sci	OSU
Yong Chen	Columbus OH	Master's	Agri, Env & Dev Ecn	Graduate	OSU
Abbey Chrystal	Columbus OH	Post-Graduate	Integrated Sci Edu	Cont Ed	OSU
Andrew Claus	Perrysburg OH	Freshman	Nat Res-Uncecided	Nat Res	OSU
TaTiana Collins	Cleveland OH	HS Sophomore	HS Student	HS Student	Health Careers Voc
Joseph Conroy	Columbus OH	Ph.D.	Aquatic Ecology	Graduate	OSU
Gregory Cook	Ashtabula OH	HS Junior	HS Student	HS Student	Geneva Area High
Karen Cook-Hoggarth	Westerville OH	Master's	Nat Res-Uncecided	Graduate	OSU
Valerie Crane	Lebanon OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
LaShel Dalton	Reynoldsburg OH	Senior	Political Science	Arts & Sci	OSU
Ann Dean	Lancaster OH	Grad NonDegree	Education:T&L	Graduate	OSU
Sarah Dean	Lancaster OH	HS Junior	HS Student	HS Student	Wm Fisher Cath High
Ben Dempsey	Lima OH	Post-Graduate	Cont Ed	Cont Ed	OSU

Table 8 – cont'd

<i>Name</i>	<i>Permanent City/State</i>	<i>Rank</i>	<i>Major</i>	<i>College</i>	<i>Institution</i>
Kelli Downey	Westerville OH	Junior	Biology	Bio Sci	OSU
Mark DuFour	Kingsville OH	Senior	Conservation	Bio Sci	Kent State Univ
Thomas Dury	Columbus OH	Freshman	Undecided	Nat Res	OSU
Ibraheem ElGallad	Columbus OH	HS Junior	HS Student	HS Student	Eastmoor High
Ellen Essman	Williamsport OH	HS Junior	HS Student	HS Student	Westfall High
Joann Fleck	Sandusky OH	Post-Graduate	Cont Ed	Cont Ed	OSU
Clara Folb	Pittsburgh PA	Junior	Biology	Bio Sci	OSU
John Foltz	Columbus OH	Senior	Fisheries Science	Nat Res	OSU
Linda Ford	Cincinnati OH	Workshop	Workshop	Workshop	OSU
Judith French	Columbus OH	Master's	Science Education	Graduate	OSU
James Gallagher	Sandusky OH	Workshop	Workshop	Workshop	OSU
Nick Ganzfried	Columbus OH	HS Sophomore	HS Student	HS Student	Bishop Ready High
Rachel Gather	Columbus OH	HS Sophomore	HS Student	HS Student	Eastmoor High
Lindsay Gibney	Columbus OH	Senior	Evolution & Ecol	Bio Sci	OSU
Rebecca Girard	Cambridge MN	Sophomore	Wildlife Mgt	not stated	Anoka-Ramsey Com Coll
Angela Gonya	Fremont OH	Junior	Undecided	FAES	OSU
Christina Gould	Columbus OH	HS Junior	HS Student	HS Student	Cols Alternative High
Brittney Green	Circleville OH	HS Junior	HS Student	HS Student	Circleville High
Luciana Gusmao	Columbus OH	Ph.D.	Biology	Graduate	OSU
Vishweshia Guttal	Columbus OH	Ph.D.	Physics	Graduate	OSU
Margilee Hilson	Columbus OH	Ph.D.	Early & Mid Chldhd	Graduate	OSU
Sarah Hodge	Norwalk OH	Grad NonDegree	HCRD	Graduate	OSU
Jill Hoffman	Toledo OH	Senior	NR-Hum Dimensions	Nat Res	OSU
James Hong	Greenwich OH	Grad NonDegree	Teaching & Learning	Graduate	OSU-Mansfield
Nathan Hoverman	Van Wert OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Dee Hudson	Mentor OH	Workshop	Workshop	Workshop	OSU
Clarissa Huston	Grove City OH	Master's	Mid Childhood Edu	Graduate	OSU
Edmund Ingman	Columbus OH	Grad NonDegree	Life Sciences Edu	Graduate	OSU
Abigail Jacobs	Ashtabula OH	HS Junior	HS Student	HS Student	Lakeside High
Kimberly James	Columbus OH	Workshop	Workshop	Workshop	OSU
Steffani Jijon	Columbus OH	Senior	Zoology	Bio Sci	OSU
Cheryl Johncox	Richwood OH	Junior	Ecological Edu	Nat Res	OSU
John Johnson	Dublin OH	Senior	Zoology	Arts & Sci	OSU
Joaquin Jordan	Powell OH	Grad NonDegree	Education	Graduate	OSU
Lina Juswara	Columbus OH	Ph.D.	Systematics & Evol	Graduate	OSU
Pamela Kehoe	Southington OH	Post-Graduate	Cont Ed	Cont Ed	OSU
Eric Kightley	Tournefeville	Senior	EEOB	Bio Sci	OSU
Chan Kook Kim	Columbus OH	Ph.D.	Env Education	Graduate	OSU
Bethany King	Bryan OH	Senior	Animal Sciences	FAES	OSU
Caine Kolinski	Toledo OH	Master's	Early Education	Education	Univ of Toledo
Kevin Kollman	Westerville OH	HS Senior	HS Student	HS Student	Westerville-South High
Joseph Kowalczyk	Lorain OH	Junior	Biology	Bio Sci	Baldwin-Wallace Coll
Kristopher Krasnosky	Lancaster OH	HS Junior	HS Student	HS Student	Gahanna-Lincoln High
Sandra Kreuzer	North Royalton OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Debra Krissek	Ostrander OH	Workshop	Workshop	Workshop	OSU
Brian Kuentz	Damascus OH	Junior	Biology	Bio Sci	Baldwin-Wallace Coll
Amy Kulesza	Columbus OH	Master's	EEOB	Graduate	OSU
Bethany Kyre	Columbus OH	HS Sophomore	HS Student	HS Student	Centennial High
Tyler Lawson	Columbia Station OH	Senior	Biology	Bio Sci	Baldwin-Wallace Coll
Elizabeth Lehtola	Geneva OH	Grad NonDegree	Education:T&P	Graduate	OSU
Sheila Lewicki	Avon OH	Grad NonDegree	Grad NonDegree	Graduate	OSU

Table 8 – cont'd

<i>Name</i>	<i>Permanent City/State</i>	<i>Rank</i>	<i>Major</i>	<i>College</i>	<i>Institution</i>
Kelly Lindsay	Columbus OH	Junior	Undecided	Nat Res	OSU
Elizabeth Linville	Cincinnati OH	Master's	CRP & Public Policy	Graduate	OSU
Audrey Lloyd	Medina OH	HS Sophomore	HS Student	HS Student	Cloverleaf High
Angela Lowell	Hillsboro OH	Senior	Biology	Bio Sci	Ashland Univ
Elizabeth Luczyk	Columbus OH	HS Sophomore	HS Student	HS Student	Grandview Hts High
Annalese Lynch	Columbus OH	Master's	Education:T&L	Graduate	OSU
Christine Malott	Lynchburg OH	HS Junior	HS Student	HS Student	Lynchburg-Clay High
Lyndsey Manzo	Columbus OH	Master's	Environmental Edu	Graduate	OSU
Andrew Marantides	Strongsville OH	Junior	Env Studies	not stated	Denison Univ
Kevin Marasch	Broadview Hts OH	HS Sophomore	HS Student	HS Student	North Royalton High
Elizabeth Markus	Fairborn OH	HS Junior	HS Student	HS Student	Carroll High
Ellen Marrison	Pickerington OH	Master's	City & Reg Planning	Graduate	OSU
Madeline Marvar	Columbus OH	HS Sophomore	HS Student	HS Student	Grandview Hts High
Amanda McCans	Akron OH	Senior	Biology	Arts & Sci	OSU
Autumn McCormick	Lewis Center OH	Master's	Science Education	Graduate	OSU
Craig McDonald	Granville OH	Master's	Environmental Edu	Graduate	OSU
Santiago Mideros-Mora	Wooster OH	Master's	Plant Pathology	Graduate	OSU-Wooster
Jessica Miesel	Morley MI	Master's	EEOB	Graduate	OSU
Christopher Miller	Gahanna OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
James Miller	Fairview Park OH	Bchl'r's Plus Prg	Life Sciences	Education	Ashland Univ-Elyria
Denise Molesch	Mentor OH	Workshop	Workshop	Workshop	OSU
Jarred Molesky	Collins OH	HS Junior	HS Student	HS Student	Western Reserve High
Lafaye Moore	Columbus OH	HS Junior	HS Student	HS Student	West High
Cristian Nava-Diaz	Wooster OH	Ph.D.	Plant Pathology	Graduate	OSU-Wooster
Hong Nguyen	Delaware OH	Senior	Biology	Bio Sci	OSU
Georgia O Hara	Columbus OH	Master's	Teaching & Learning	Graduate	OSU
Lynette Overholser	Hopewell OH	Master's	Plan&Mgt Wtlnds Sc	Env Studies	Louisiana State Univ
Tabitha Palmer-Holley	Columbus OH	Senior	Art Education	Art	OSU
Rose Palumbo	Columbus OH	Ph.D.	Plant Pathology	Graduate	OSU
Emily Parisey	Mt Victory OH	HS Senior	HS Student	HS Student	Ridgemont High
Daniel Percival	Olmsted Falls OH	HS Junior	HS Student	HS Student	North Olmsted High
Shannon Percival	Saint Johnsville NY	Senior	Biol/Environ Studies	not stated	Niagara University
Christina Popio	Columbus OH	Master's	City & Reg Planning	Graduate	OSU
David Powers	University Hts OH	Workshop	Workshop	Workshop	OSU
Maryanne Rackoff	Akron OH	Workshop	Workshop	Workshop	OSU
Deborah Ratajczak	Lorain OH	Grad NonDegree	Education	Graduate	OSU
Kelsey Reider	Oak Harbor OH	Senior	Zoology	Bio Sci	OSU
Edward Ricard	Bowling Green OH	HS Sophomore	HS Student	HS Student	Bowling Green High
Kelly Riesen	Elyria OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Erin Rocchio	Solon OH	Senior	Biol/Philosophy	Arts & Sci	Mount Holyoke Coll
Angela Rospert	Oak Harbor OH	Junior	Animal Sciences	Bio Sci	OSU
Erin Sandvick	Marblehead OH	Master's	Curriclm Specializatn	Education	Nova Southeastern U
Susan Sandy	North Royalton OH	Senior	Biology/Education	Bio Sci	Baldwin-Wallace Coll
Aparna Sathyanarayan	Columbus OH	Master's	Limnology	Graduate	OSU
Sarah Scanlon	Olmsted Falls OH	Senior	Mid Childhood Edu	Education	Baldwin-Wallace Coll
Jennifer Scherer	Shelby OH	HS Senior	HS Student	HS Student	Plymouth High
Cindy Schroeder	Columbus OH	Master's	Education	Graduate	OSU
Krystal Seger	Minster OH	HS Junior	HS Student	HS Student	Minster High
Steven Seitz	Upper Sandusky OH	Workshop	Workshop	Workshop	OSU
Krista Seltzer	Columbus OH	HS Junior	HS Student	HS Student	Centennial High
Rebecca Shellenbarger	Columbus OH	Master's	Science Education	Education	Kent State Univ

Table 8 – cont'd

<i>Name</i>	<i>Permanent City/State</i>	<i>Rank</i>	<i>Major</i>	<i>College</i>	<i>Institution</i>
Michelle Sheridan	Groveport OH	Senior	Biology	Arts & Sci	OSU
David Shuster-Tucker	Lakewood OH	HS Sophomore	HS Student	HS Student	Lakewood High
April Sidoti	South Euclid OH	Senior	Biology	Bio Sci	Baldwin-Wallace Coll
Neha Singhal	Wooster OH	Workshop	Workshop	Workshop	OSU-Wooster
Elaina Smith	Cortland OH	Senior	Biology	Bio Sci	OSU
Jing Song	Wooster OH	Master's	Plant Pathology	Graduate	OSU-Wooster
Michael Sovic	Hilliard OH	Master's	EEOB	Graduate	OSU
Christina Specker	Columbus OH	Master's	Science Teaching	Graduate	OSU
Michele Stanton	Cincinnati OH	Master's	Horticulture	Graduate	OSU
Robert Stein	Dowington PA	Grad NonDegree	Grad NonDegree	Graduate	OSU
Jennifer Steiner	Bellaire OH	Senior	Math & Science	Arts & Sci	OSU
Danika Stoltz	Columbus OH	HS Sophomore	HS Student	HS Student	Grandview Hts High
James Stricko	Lake Ann MI	Workshop	Workshop	Workshop	OSU
Jack Sundstrom	Springboro OH	Workshop	Workshop	Workshop	OSU
Meaghan Sutherland	Marion OH	Junior	Biology/Education	Bio Sci	Baldwin-Wallace Coll
Matthew Swanson	Bowling Green OH	Master's	Urban Forestry	Graduate	OSU
Sean Sweeney	Mount Vernon OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Erica Taylor	Stow OH	HS Sophomore	HS Student	HS Student	Stow-Munroe Falls High
Christopher Thompson	Quincy OH	Workshop	Workshop	Workshop	OSU
Jennifer Thompson	Quincy OH	Workshop	Workshop	Workshop	OSU
Yi-jiun Tsai	Chandler AZ	Senior	Ecol & Evol Biol	Bio Sci	Univ of Arizona
Anna Tuttle	Columbus OH	Senior	Biology	Bio Sci	OSU
Tristan Ula	Poland OH	Sophomore	Biology	Bio Sci	Bowling Green St Univ
Michael Vail	Columbus OH	Senior	Life/Earth Sciences	Education	Capital Univ
MaryLou VanWey	Fredonia NY	Workshop	Workshop	Workshop	OSU
Daniel Vargo	Columbiana OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Desiree Villarreal	Toledo OH	Senior	Earth Science	Education	Bowling Green St Univ
Carolyn Waggoner	Mt. Vernon OH	Master's	Entomology	Graduate	OSU
Lisa Walsh	Dublin OH	HS Sophomore	HS Student	HS Student	Columbus Sch for Girls
Benjamin Warner	Sunbury OH	Junior	Environmental Sci	Bio Sci	Mt Vernon Nazarene Coll
Jonathon Weber	North Canton OH	HS Sophomore	HS Student	HS Student	Jackson High
Robert Weilbacher	Columbus OH	HS Junior	HS Student	HS Student	Marion-Franklin High
Jennifer Wiles	Cortland OH	Senior	Zoology	Bio Sci	OSU
Tricia Williams	Coshocton OH	Senior	Math & Science Edu	Arts & Sci	OSU
Matthew Wilson	Cortland OH	HS Sophomore	HS Student	HS Student	Maplewood Jr Sr High
Stacey Wisniewski	Brook Park OH	Grad NonDegree	Grad NonDegree	Graduate	OSU
Charles Yaussy	Bucyrus OH	HS Senior	HS Student	HS Student	Bucyrus High
Corey Yugulis	Medina OH	Senior	Biology	Bio Sci	Baldwin-Wallace Coll
Peter Zaykoski	Old Forge NY	HS Sophomore	HS Student	HS Student	Town of Webb Schools
Adam Zurkey	Avon Lake OH	Senior	Biology	Liberal Arts	Baldwin-Wallace Coll
David Zuwerink	Lewis Center OH	Ph.D.	Biology	Graduate	OSU