



*Premiere*

## YELLOWSTONE Revealed Wins International Recognition

WFED's 1999 video production, *YELLOWSTONE Revealed*, won further international recognition with the Communicator Awards 1999 Video Competition Crystal Award of Excellence. The video won in both "Environmental" and "Videography" categories. This is the second major award the video has won, since the Chicago International Film Festival's International Communications Film & Video Competition (INTERCOM) awarded WFED a Silver Hugo for "Excellence in the Art of Communication" in July 1999. The National Park Foundation also nominated *YELLOWSTONE Revealed* for an award in the Council on Foundations' 2000 Film and Video Festival.

Narrated by **Walter Cronkite**, co-produced by WFED and **Kurtis Productions**, and with a musical score by Grammy Award winner **Chip Davis**, *YELLOWSTONE Revealed* demonstrates the value of bioprospecting as a conservation tool by showcasing the successful initiatives underway at Yellowstone, the crown jewel of the National Park Service.

On May 6, 1999, WFED premiered *YELLOWSTONE Revealed* at the Department of the Interior in Washington. Many WFED friends and supporters attended, including **Walter** and **Betsy Cronkite**, **Ethel Kennedy**, **Bill Kurtis**, **Chip** and **Tricia Davis**, as well as several members of Congress and officials from the Clinton Administration. The event was open to the public and approximately 1,000 people attended. WFED would like to thank all who made this major achievement possible, including the **American Society for Microbiology**, **Discovery Communications**,

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*Yellowstone / US Update*

## Federal Court Approves Historic Yellowstone Bioprospecting Agreement

On April 12, 2000, a federal court in Washington approved the historic bioprospecting "benefit-sharing" agreement between Yellowstone National Park and the Diversa Corporation of San Diego, California. WFED facilitated development and negotiation of the Yellowstone-Diversa agreement and actively supported the National Park Service and U.S. Department of Justice during the follow-up period of judicial review.

Ruling that the agreement is "proper" and "does not conflict with the conservation mandate," Judge Royce C. Lamberth dismissed with prejudice the legal challenge brought by plaintiffs Edmonds Institute, International Center for Technology Assessment, and Alliance for the Wild Rockies in early 1998.

Yellowstone's bioprospecting "benefit-sharing" agreement with Diversa was first announced in August 1997 at ceremonies attended by Vice

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Walter Cronkite and John Varley at Yellowstone National Park.



L to R: Preston Scott, Sec. Bruce Babbitt, Michael Finley, Vice President Al Gore, Sen. Max Baucus

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President Al Gore, Interior Secretary Bruce Babbitt, National Park Service Director Robert Stanton and others. WFED also was honored as a "Protector of Yellowstone" during the same ceremonies because of the catalytic role it had played during the negotiation process.

The precedent-setting agreement provided that Diversa would share with Yellowstone economic and scientific benefits that result from its research activities involving microbes sampled from Yellowstone's famous hot springs. Although collection of biological specimens from Yellowstone for research purposes dates back to the 19th century, the Yellowstone-Diversa agreement (also known as a "Cooperative Research and Development Agreement" or "CRADA") marked the first time that researchers have agreed to share any resulting benefits directly with the Park for conservation purposes.

In a 24-page opinion, Judge Lamberth wrote that the National Park Service "properly determined that the CRADA was consistent with the governing statutes because it would produce direct concrete benefits to the Park's conservation efforts by affording greater scientific understanding of Yellowstone's wildlife, as well as monetary support for Park programs." The carefully written opinion rejected the plaintiffs' allegations that the agreement violated several park-related laws and regulations, noting that the plaintiffs' charges were based on a "misconception of the legal force of the CRADA" that revealed "fundamental flaws in their challenge."

The court also emphasized Congressional intent regarding cooperative scientific research agreements involving national parks. Finding that the CRADA "plainly constitutes an 'equitable, efficient benefits-sharing arrangement'," the court went on to declare that "the far-reaching terms of the Parks Management Act reinforce the conclusion that the Yellowstone-Diversa CRADA is proper."

Preston Scott, Executive Director of WFED which assisted the National Park



Diversa's Eric Mathur comparing samples taken from one of Yellowstone's hot springs.



L to R: Eric Mathur (Diversa), John Varley (Yellowstone), Terrance Bruggerman (Diversa), Michael Finley (Yellowstone), Preston Scott (WFED), and Jay Short (Diversa).

Service during the negotiations with Diversa, stated: "This ruling clearly reflects the expanding broad-based consensus of those who believe that conservation areas also should benefit from research involving their resources. The court made the right decisions for the right reasons."

Yellowstone's position also was supported by the National Parks and Conservation Association (NPCA), which filed a supporting brief with the court. NPCA is the largest membership organization in the United States dedicated to national park issues.

The National Park Service is currently initiating a study under the National

Environmental Policy Act to determine the environmental impacts of establishing additional research-related bioprospecting benefit-sharing arrangements in other national parks throughout the United States. WFED plans to assist with the study, which is expected to be the first study of its kind anywhere in the world that looks specifically at the potential environmental effects of bioprospecting on a national level.

*Copies of Judge Lamberth's decision may be obtained from WFED.* \*

*A WFED Retrospective*

## From the Jordan to the Yellowstone—and Beyond

In January 2000, WFED celebrated its eighth anniversary. In preparation for an exciting new year—at the start of the new millennium—it is particularly fitting to reflect back on WFED's early years of challenge and opportunity that have taken us—quite literally—from the Jordan River to the Yellowstone River, and now beyond. We also want to thank those who have contributed to WFED since 1992—especially WFED's new *Stewards*.

WFED was founded in 1992 as the world was preparing for the UN Conference on Environment and Development in Rio de Janeiro (popularly known as the “Earth Summit”). The classic conflict between values associated with the so-called “environment” and “development” agendas set the tone for much of the debate at Rio—and provided the spark for WFED's creation.

First organized under the District of Columbia Nonprofit Corporation Act and initially recognized as a tax-exempt charitable, educational, and scientific organization under the laws of both the United States and Norway, WFED benefited from the thoughtful advice of many interested friends including Michael LeM. Kennedy (former Chairman of Citizens Energy Corporation in Boston), Mohamed El-Ashry (Chairman of the Global

Environment Facility in Washington), and Oddmund Graham (former Secretary-General of the Royal Norwegian Ministry of Environment in Oslo).

The creation of WFED was inspired by the dedication and energy of conflict resolution professionals like Rich Collins at the University of Virginia and Roger Fisher at Harvard. WFED was conceived as a small, international organization of professionals that would combine procedural conflict resolution tools with more substantive analysis of the underlying human problems at the root of many so-called “environmental” conflicts.

While the public first associated WFED almost exclusively with our initial activities concerning the role of the UN in the field of international environmental conflict resolution, WFED has grown to be much more. Reflecting the commitment of its dedicated personnel, WFED has been an innovator in some of the most contentious environmental problem areas facing the global community today.

Since 1992, WFED has contributed to consensus-based negotiations on water resources in the Middle East



Former Costa Rican President Jose Maria Figueres and U.S. President Bill Clinton at Braulio Carrillo National Park during signing ceremony for the Braulio Carrillo Environmental Declaration.

with early focus on the Jordan River, promoted new international public-private energy efficiency projects to combat climate change, and facilitated conservation-based negotiations on access and use of valuable biological resources in national parks and other protected areas around the world. WFED's successful work at Yellowstone National Park, which resulted in the first “bioprospecting” agreement in the United States, has now triggered requests for WFED's expert assistance in many other parts of the Americas, Europe, Africa, and Asia.

Public celebrations with Vice President Al Gore at Yellowstone and with President Bill Clinton and President Jose Maria Figueres at Costa Rica's Braulio Carrillo National Park have highlighted WFED's vision of the promise of expanding cooperation.

We are very proud of our achievements and look forward to the challenges and opportunities to improve international cooperation in ways that maximize efficiencies, avoid costly and unnecessary conflicts, and improve the quality of life on Earth for an expanding global community.

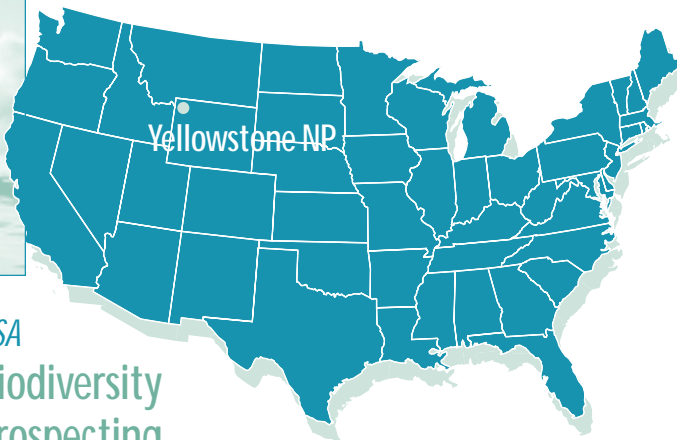
Thank you for your support of WFED's critical work during the year 2000! ✨

—Preston T. Scott





L to R, Front Row: Antonio Hill, Leif Christoffersen, Back Row: John Varley, Preston Scott, Walter Cronkite, and Jed van Dyke.



### USA Biodiversity Prospecting in US National Parks

WFED's work with Yellowstone National Park and the National Park Service (NPS) has resulted in the US National Parks' first pilot "bioprospecting" program that fosters medicinal and other types of scientific research with benefit-sharing to support critical biological resource conservation. "Biodiversity prospecting" or "bioprospecting" refers to the search for valuable chemical and genetic compounds in nature. By helping to develop Yellowstone's bioprospecting program, WFED works to ensure that benefits from biological research at Yellowstone are shared with the Park to support conservation and public environmental education.

In addition to *YELLOWSTONE Revealed*, WFED has produced the first interpretive brochure on Yellowstone's thermophilic (heat-loving) microorganisms, and will soon release a full-color report on bioprospecting at Yellowstone and a new web site devoted to bioprospecting initiatives. WFED also is supporting preparation by NPS of the first nationwide environmental impact statement on bioprospecting in national parks.

The Yellowstone initiative marks the first time any national park in the US has been positioned to share in the economic benefits resulting from ongoing scientific research involving park resources. For an update on Yellowstone's bioprospecting initiative, visit WFED's web site ([www.wfed.org](http://www.wfed.org)).

### Russia

### WFED Addresses Conservation and Security in Russia

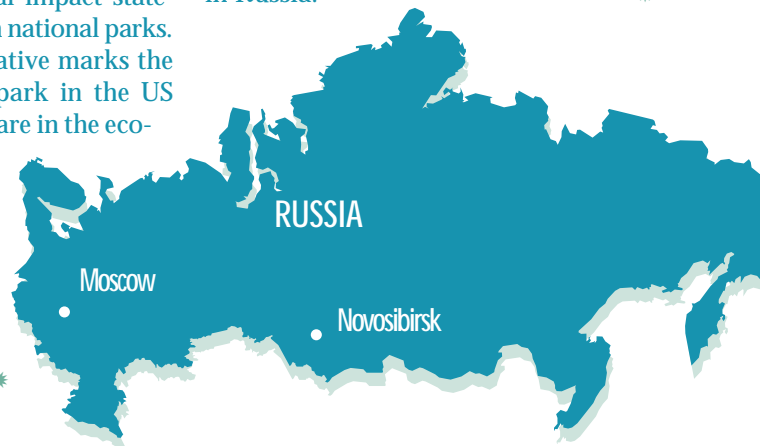
In cooperation with the **US Department of Energy**, WFED is developing a pilot project that will provide new incentives to prevent the proliferation of biological weapons developed in the former Soviet Union by rechanneling human and technological resources to conservation-based activities. The project represents the first application of bioprospecting benefit-sharing principles in a peace and security context. In preparation for the project, WFED facilitated Russian participation in **UNCTAD's BIOTRADE** Conference in France in November 1998. In September 1999, WFED Executive Director Preston Scott was invited to Moscow and Novosibirsk for meetings with Russian and US officials supporting the project. Project benefits will contribute to proliferation prevention and create new incentives for resource conservation in Russia.

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**L.L. Bean, Mutual of Omaha, SONY, the National Park Foundation, the Yellowstone Park Foundation, the Cleveland Foundation, the Cavender-Bares Fund, the Sedgwick Family Fund, Ben Barnes and the Gardner-Mills Group.**

Since May 1999, more than 50,000 people have seen the video (mostly visitors to Yellowstone National Park, where the video is shown continuously). *YELLOWSTONE Revealed* has also been featured as "Film of the Week" on UNEP's Television Trust for the Environment's web page and at the "MICROBES!" exhibition, which opened at the Smithsonian in the summer of 1999. MICROBES! next moved to the Nature Museum of the Chicago Academy of Sciences, and will travel throughout the United States until 2002.

The 25-minute VHS version of *YELLOWSTONE Revealed* is available from WFED, American Gramophone, the American Society for Microbiology, the Smithsonian Institution Museum Shops, SONY Style, and the Yellowstone Association. Sales of the video help support WFED's work with Yellowstone and other national parks.



*Africa*

## African Bioprospecting Workshops Applaud WFED's Approach

In the summer of 1999, the Global Biodiversity Institute (GBDI) invited WFED to design and implement bioprospecting seminars for a series of training courses in Africa. In August 1999, WFED's Preston Scott and Leif Christoffersen facilitated a five-day training seminar on bioprospecting contract negotiations in Nairobi, Kenya. Mr. Scott later returned to Africa to lead another seminar in Ibadan, Nigeria in March 2000 and in Cape Town, South Africa, in April.

The Nairobi course was hosted by GBDI and the International Centre for Insect Physiology and Ecology, and was sponsored by the US Agency for International Development (USAID). Attended by a select group of participants mainly from Kenya, Tanzania, and Uganda, the course focused on the mechanics of drafting and negotiating conservation-based bioprospecting agreements. The participant evaluations reflected unanimous praise for WFED's course, and follow-up discussions between WFED and the Kenyan Wildlife Service and the National Centre for Sci-

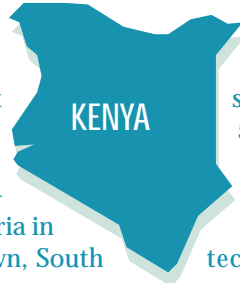
ence and Technology may lead to conservation-based bioprospecting projects in East Africa.

In March 2000, Nigeria's conservation-conscious Institute for Tropical Agriculture in Ibadan hosted the second GBDI-organized workshop on negotiating benefit-sharing agreements. Most of the 50 participants were from countries in West Africa ranging from the Gambia to Cameroon. This was the second course on techniques for negotiating bioprospecting agreements that WFED taught in Africa, with a specialized focus on technical legal issues. The Nigerian workshop sought to promote greater technical understanding of new resource conservation and development approaches throughout Africa—a universally recognized need.

WFED also was invited to Cape Town, South Africa, in April 2000, to lead special sessions on bioprospecting conservation practices and intellectual property rights issues at the invitation of South Africa's Agricultural Research Council (ARC). The conference, entitled "Agribusiness in Sustainable

Natural African Plant Products," was sponsored by USAID, ARC, the Herb Research Foundation, and Purdue University. The conference brought together farmers, traditional healers, natural product development companies, government officials and experts on biodiversity conservation and use issues. Approximately 150 participants from more than 15 countries in Africa, Europe, and the Americas attended.

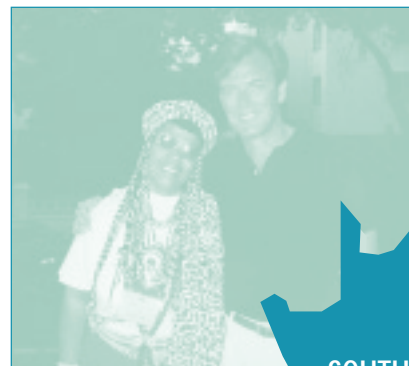
Participants discussed how natural products development can promote conservation goals and how local stakeholders such as farmers and traditional healers can be included in benefit-sharing agreements to improve their quality of life, promote overall economic growth and protect local resources. \*



Leif Christoffersen instructs workshop on biodiversity access and benefit-sharing negotiations in Nairobi, Kenya.

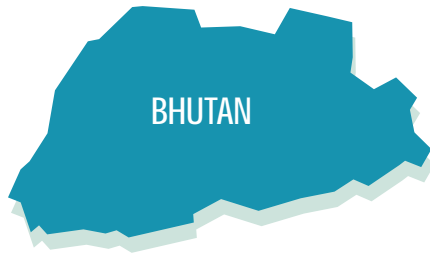


Preston and Leif with participants at the biodiversity access and benefit-sharing negotiation workshop in Nairobi, Kenya.



Preston Scott in Cape Town with Patience Koloko (President of South Africa's Traditional Healers Association)





## WFED Responds to Interest from Bhutan

WFED's Leif Christoffersen is responding to requests from Jigme Palden (Manager of Bhutan's Royal Manas National Park) and Lyonpo Kinzang Dorji (Chairman of Bhutan's National Environment Commission) concerning the evaluation of bioprospecting as a conservation tool for Bhutan's National Parks. A probable outcome of this interaction will be for WFED to lead a bioprospecting workshop in Bhutan later in 2000. Lyonpo Om Pradhan (Bhutan's Ambassador to the UN), David Hopper (Honorary Consul General for Bhutan in Washington), and others have played significant roles in supporting this proposal.

Bhutan's inquiries were triggered by WFED presentations in November 1998 in Lyon, France, for UNCTAD's BIO-TRADE conference. \*



Bill Kurtis, Walter Cronkite, Denise Scott, Betsy Cronkite and Ethel Kennedy gather during the reception at the May 6, 1999 premiere screening of *Yellowstone Revealed*.

## Directors' Notes

WFED closed an extraordinarily successful 1999 with a move to its new offices in downtown Washington at 1816 Jefferson Place, NW. Ms. Julie Walters also joined the Board of Directors in December 1999. Ms. Walters and her husband Sam Rose are hosting WFED's Inaugural Stewards' Circle Dinner with special guests Walter and Betsy Cronkite in May 2000. \*



Sam Rose, Leif Christoffersen and Julie Walters celebrate WFED's new office move in December 1999.

## In Appreciation

WFED extends a special note of appreciation to all those who supported initiation of WFED's Stewards Program in 1999. In addition to WFED Board Members and Advisors, WFED benefited from valuable contributions of time, talent, and interest from many individuals and businesses including:

Marlene Adler  
 American Gramophone  
 American Society for Microbiology  
 Kent & Jeannine Cavender Bares Fund  
 Ben Barnes  
 Judge William C. Bradley  
 CAIS Internet  
 Michael & Kristina Caplin  
 Michael & Ginger Clayton  
 Cleveland Foundation  
 Mary Colella  
 Cynthia Cook  
 Walter & Betsy Cronkite  
 Chip Davis  
 Ann Deutch  
 Discovery Communications, Inc.  
 Eyeo.com  
 Thomas A. Fee  
 Michael V. Finley  
 Winnie Hallwachs  
 Daniel Janzen  
 Tayleah Jones  
 Mrs. Robert F. Kennedy  
 Jane Lindley Kratovil

Bill Kurtis / Kurtis Productions  
 LL Bean  
 Tom & Harriet Lankford  
 Stewart M. Macon  
 Mannheim Steamroller  
 Mutual of Omaha Companies  
 Jennifer Myers  
 National Park Foundation  
 Naylor Design Inc.  
 Stefaan Poortman  
 Public Welfare Foundation  
 Steve & Margery Riker  
 Salomon Smith Barney  
 Elizabeth & Ellery Sedgwick Fund  
 Sony  
 Lee & Marty Talbot  
 John & Anita Varley  
 W. Alton Jones Foundation  
 Michael C. Williams  
 Kristiana Weseloh  
 Yellowstone Park Foundation  
 Young Family Trust  
 Sally & Monty Yudelman

*Stewards Program*

## WFED Launches Stewards Program

Many friends have asked how they can help support WFED's mission and work. The generosity of Sam Rose and Julie Walters allowed WFED to launch its Stewards Program in 1999 and develop an individual-focused support network. Now, individuals who want to support efforts to resolve environmental conflicts peacefully and build innovative and sustainable conservation projects can contribute to WFED directly through WFED's Stewards Program.

Sam and Julie learned about WFED through their participation in one of WFED's Educational Excursions to Costa Rica in 1998 and by attending the premiere screening of *YELLOWSTONE Revealed*. Their major gift helped secure WFED's new office space and represented the largest individual contribution to WFED to date.

On May 10, 2000, Sam and Julie are hosting and sponsoring WFED's Inaugural Stewards' Circle Dinner (contributors of \$1,000 or more) at their home with special guests Walter and Betsy Cronkite. The event offers a very special opportunity to generate new support to sustain several important WFED environmental education and outreach initiatives with special focus on the developing world.

Mr. Cronkite will share some inspiring and humorous stories from his remarkable career as a front-row witness to many of the most historic events of the 20th century, as well as some stories about his work with WFED since 1998. Live music will celebrate WFED's special links to Latin America. \*

### WFED Stewards' Circle

WFED invites contributors of \$1,000 or more to join WFED's Stewards' Circle, a community of supporters whose significant investment with WFED expands the reach of WFED's innovative conservation initiatives worldwide. WFED recognizes different levels of support within the Stewards' Circle:

Steward:	\$50,000	Navigator:	\$5,000
Pioneer:	\$25,000	Discoverer:	\$1,000
Explorer:	\$10,000		

#### Members of WFED's Stewards' Circle enjoy the following benefits:

- Invitations to WFED's Stewards' Circle Dinner and Stewards' Circle events
- Opportunities to travel on WFED field excursions and attend WFED functions and activities
- WFED video productions, publications and reports
- WFED Stewards' Watch

### Other Levels of Support

WFED encourages all levels of support for WFED's important conservation initiatives. You may become a supporter of WFED at any of the following levels:

#### WFED Patrons (Contributions of \$500-\$999)

*Benefits:*

- Invitations to WFED functions and activities
- WFED publications and reports
- WFED Stewards' Watch

#### WFED Associates (Contributions of \$100-\$499)

*Benefits:*

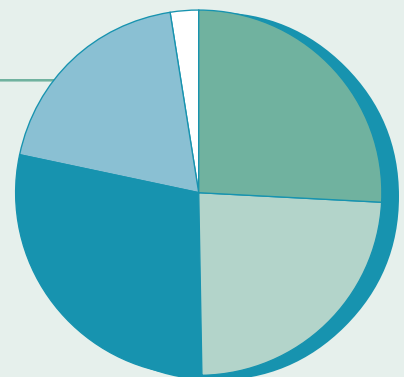
- Invitations to WFED functions and activities
- WFED Stewards' Watch

#### WFED Friends (Contributions of \$50-\$99)

*Benefit:*

- WFED Stewards' Watch

WFED Revenue by Source—1998/1999



## Promoting a New Conservation Paradigm

WFED, an independent non-governmental and non-profit organization established in 1992, promotes international cooperation and conflict resolution initiatives in the field of environment and development. WFED's initiatives help prevent and resolve conflicts between environmental conservation and resource development interests by aligning mutually beneficial incentives to promote resource conservation. WFED's initiatives also help renew public appreciation for biodiversity conservation areas and the resources they protect. Through the Bioprospecting and Biodiversity Benefit-Sharing Program, WFED applies legal and economic conservation tools to promote authorized access to biological resources and provide for equitable and efficient distribution of the benefits developed for conservation and local communities. \*

## WFED Moves!

Anticipating growth and increasing demand for services, WFED moved in December 1999, to 1816 Jefferson Place, NW, Washington, DC 20036—two blocks south of Dupont Circle. Our new main telephone number is (202) 872-9585, and our new fax number is (202) 872-4300. \*

## New web site for 2000!

WFED expects to complete the redesign of its web site by June 2000! Our new site will feature descriptions of WFED's services and accomplishments, WFED Field Reports, photos of the areas in which we work and helpful environment and development links. WFED expresses its appreciation for the pro bono efforts of Mary Colella, the talented web designer responsible for WFED's new presence on the World Wide Web. \*

### WFED

- prevents and resolves environmental conflicts equitably and efficiently
- improves public understanding of environmental conflicts and natural resource stewardship
- facilitates conservation and sustainable use of biological resources



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