

# *Delaware Valley Eagle Alliance*

## EagleFest Newsletter

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### Preservation and Conservation

Our mission is to increase awareness, understanding and promote conservation of our wildlife and the natural environment. We believe that raising awareness and understanding will change attitudes toward conservation and our natural resources. We strive to accomplish this through our publications, educational programs and events.

Combining entertainment and education, the award winning "EagleFest" is an event for everyone to be proud of! Successful in bringing local and out-of-town visitors of all ages to the day's multi-faceted series of activities, it brings much deserved attention to the natural resources that enrich our lives in the Delaware River Valley region.

Our lecture series – "Eagle Nesting Diaries" offers viewers a close and intimate peek at bald eagle family life from the time the eggs are laid through fledging. Viewers are able to see bald eagle chick development from a very new and unique perspective.

Working with biologists, conservationists and field experts, we provide assistance through documentation of their project initiatives. Collaborating with others, we strive to develop interest and encourage a strong stewardship ethic about wildlife and habitat conservation.

We continue to be committed to this because we believe that it essential to enabling all life to exist and prosper on Earth.

John A. DiGiorgio, Chairman and President



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### Protection After Delisting

By Yoke DiGiorgio

**Director, Delaware Valley Eagle Alliance**

On June 28, 2007 the U.S. Fish and Wildlife Service (Service) formally declared a victory for the comeback of the bald eagle and announced its removal from the Endangered Species Act protection. There are now nearly 10,000 breeding pairs in the lower 48 States, up from only 417 in 1963 - one of the greatest wildlife success stories in the history of this country! Bald-eagle experts look to the new rules and need to monitor them to ensure the continued survival and prosperity of the species.

"Although U.S. Fish and Wildlife Service was right to pursue delisting due to the rapid expansion of bald population, delisting is a new national experiment. We have not had much experience in delisting", says Dr Larry Niles, former Chief of Endangered and Non-game Species Program Division of Fish, Game, and Wildlife, NJ DEP.

"Eagles will be a test case," says Dr Bryan Watts, Director of the Center for Conservation Biology, College of William and Mary. "Now that they are delisted", says Watts, "what happens will say a lot about how our culture will handle other conflicts between landowners and species". "Attention will now shift to the new rules and how they are enforced. Monitoring", says Watts, "will be even more important to shed light on how a species is impacted by delisting."

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# Protection After Delisting

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## The Bald and Golden Eagle Protection Act (Eagle Act)

The Eagle Act will now be the primary law protecting bald and golden eagles. Originally passed in 1940 and amended several times since then, the Eagle Act provides for the protection of the bald eagle and the golden eagle by prohibiting the take, possession, sale, purchase, barter, offer to sell, purchase or barter, transport, export or import, of any bald or golden eagle, alive or dead, including any part, nest, or egg, unless allowed by permit. The Eagle Act defines the "take" of an eagle to include a broad range of actions - "pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb."

A violation of the Eagle Act can result in criminal and civil penalties, including fines of \$100,000 (\$200,000 for organizations) and imprisonment for one year (or both) for a first offense. Penalties increase substantially for additional offenses, and a second violation is a felony. Copies of the Eagle Act are available at: <http://permits.fws.gov/ltr/ltr.shtml>.

## Three Management Actions Proposed

Along with announcing the delisting, the Service has also announced three management actions designed to protect eagles under the Eagle Act.

### 1. Regulatory definition of "disturb" under the Eagle Act

Disturbing eagles has been prohibited since the Eagle Act was enacted. Although a statutory definition was provided for "take", the meaning of "disturb" had not been explicitly defined by the Service or by the courts. The Service has proposed the following regulatory definition of "disturb" under the Eagle Act:

"Disturb means to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, (1) injury to an eagle, (2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or (3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior."

This definition will apply to eagles throughout the United States, including Alaska (where the bald eagle has never been listed under the Endangered Species Act). The Service has proposed this definition to reduce uncertainty and add clarity, and address earlier concerns expressed on ability to appropriately implement and enforce the Eagle Act.

### 2. Publish the National Bald Eagle Management Guidelines

The Service developed the National Bald Eagle Management Guidelines to provide guidance to help people avoid disturbing bald eagles, namely - landowners, land managers, and others who share public and private lands with bald eagles - particularly where their actions may constitute "disturbance," which is prohibited by the Eagle Act. A variety of human activities can potentially interfere with bald eagles, affecting their ability to forage, nest, roost, breed, or raise young.

The Guidelines themselves are not law. Their primary purpose is to provide information that will minimize or prevent violations only of Federal laws governing bald eagles. Copies of the Guidelines are available at:

<http://www.fws.gov/migratorybirds/baldeagle.html>.



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A "first year pair" building a new nest. Now delisted, suitable habitat preservation becomes more important than ever for the continued successful comeback of the bald eagle.

### 3. Create a new permit program

Currently, there is no regulatory mechanism in place under the Eagle Act that permits the take of eagles comparable to under the Endangered Species Act (ESA). The Service has proposed new permit regulations to authorize the take of eagles under the Eagle Act where: a) the take to be authorized is associated with otherwise lawful activities; b) permit provisions be established for the intentional take of eagle nests in rare cases where their location poses a risk to human safety or to the eagles themselves (ie: close proximity to an airport runway); and c) the regulation also contain provisions to extend the Eagle Act authorization to persons authorized to take eagles under an ESA permit.

The Service has commented that the permitting process being proposed would be less burdensome for the public to comply with than what is in place under the ESA, while continuing to provide appropriate protection. The Service has announced that a final ruling will be made on this proposal following a 90-day public comment period, scheduled to end September 4, 2007.

## Additional Protective Regulations

In addition to the Eagle Act, the bald eagle will continue to be protected by the Migratory Bird Treaty Act (MBTA), the Lacey Act and individual state laws.

### 1. Migratory Bird Treaty Act (MBTA)

The MBTA, enacted in 1918, is a Federal law that carries out the United States' commitment to four international conventions with Canada, Japan, Mexico and Russia. Those conventions protect birds that migrate across international borders and prohibits the taking of any migratory bird or any part, nest, or egg, except as permitted by regulation. In 1972, the scope of the Act was expanded to cover bald eagles and other raptors. "Take" is defined under the MBTA as "pursue, hunt, shoot, wound, kill, trap, capture, possess, or collect."

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# Conservation Success Story

By Don Hamilton

## ***National Park Service Natural Resource Specialist, Upper Delaware Scenic and Recreational River***

The remarkable recovery of the bald eagle is one of the great conservation success stories of our nation's history. But this did not happen easily, or overnight. Restoring a threatened species to a secure status is seldom an easy process. Since being one of the first animals designated for protection under the Endangered Species Act (ESA) more than 30 years ago, it has taken the concerted efforts of federal, state, and local agencies and organizations, scientists and citizens to accomplish this goal, and has required the protection of bald eagles, their nests, and their habitats. It has also been helped by the passage of landmark legislation by Congress, such as the Clean Water Act, which has curbed pollution, improved water quality, and enhanced the health of fisheries nationwide.

Perhaps the single most important factor in the recovery of the bald eagle, and the survival of hundreds of other species, was the passage of the ESA. Recognizing an alarming trend of rapid and dramatic changes in America's landscape that stressed ecosystems and the native plant and animal species they sustain, and drove many species to extinction, Congress passed the ESA in 1973. Regarded as one of the world's foremost wildlife conservation laws, the ESA calls for the protection of threatened and endangered plants and animals and the habitats on which they depend, and seeks to restore species to a point where their populations are stable and no longer in need of special protection.

Found only in North America, the bald eagle was adopted as our national symbol in 1782. Since then, it has become one of the most recognized birds in the world, a symbol of freedom, and a revered source of national pride. But for a bird that once numbered in the hundreds of thousands and nested throughout the conterminous United States, Canada, and Alaska, their numbers were reduced to a mere 417 breeding pairs in the lower 48 states by 1963. Loss of habitat, indiscriminate killing under the guise of protecting fish stocks and domestic animals, and the widespread use of pesticides such as DDT, led to a downward spiral that threatened their populations with extinction. If the bald eagle was viewed as an indicator of ecosystem health, it was telling us that something was wrong with ours.

### **The ESA at Work**

Under the multi-faceted protections of the ESA, a number of steps were taken to promote the bald eagle's recovery. The U.S. Fish and Wildlife Service worked with biologists to develop bald eagle recovery plans for different regions of the country that set out specific targets and approaches to achieve them. These plans included goals for numbers of breeding pairs in different regions to ensure stable and sustainable populations. Critical habitats were identified and protected. Young eagles, through "hacking" programs, were placed into suitable habitats formerly occupied by eagles. And laws were enacted which prohibited the wanton disturbance or harassment of birds in the wild.

Of great significance, along with these actions implemented by the ESA, was a ban on use of the pesticide DDT in the United States. This pesticide concentrated in organisms as it accumulated up food chains, and resulted in eagles and other birds with lethal pesticide levels or doses which prevented them

from metabolizing calcium, which resulted in thin eggshells and nest failure. Banning DDT has resulted in a healthier environment for bald eagles, fish, numerous other kinds of wildlife, and people as well.

These combined actions have, over the course of more than three decades, resulted in a steadily growing population of breeding pairs of bald eagles nationwide, to the point where the targets have been achieved. The U.S. Fish and Wildlife Service formally announced the delisting of our national symbol from the Threatened and Endangered Species List this summer. This is a great victory for conservationists and a validation of the effectiveness of the ESA. It also conveys a simple message. We should never underestimate nature's resilience and ability to bounce back, given a fair and fighting chance. But extending that chance depends upon the will of our society, our priorities, and our understanding and appreciation of the life-support systems that sustain us.

### **Why Save Endangered Species?**

Our biological wealth, or natural capital, should be regarded with as much value as any other capital good in our society. This biological wealth provides a vast warehouse of materials and genetic resources with potential usefulness beyond our imaginations. Nearly 50% of all prescribed medicines are derived from substances found in plants and animals. We're just scratching the surface of potential future uses, such as the development of new pharmaceuticals or the use of genetic material for breeding resistance to plant pathogens and crop pests.

Beyond the value of individual species are the life-sustaining ecological services provided by intact, functioning ecosystems. Harvard University professor Edward O. Wilson said "Biological Diversity is the key to the maintenance of the world as we know it." Millions of diverse organisms run the world with efficiency and precision, the way we would want it run, and we cannot improve on this arrangement.

Ecosystems are exceedingly complex, and we likely don't fully understand the function or purpose of an individual species in the overall system. None of us should attempt to proclaim what is unneeded or expendable, from our very limited viewpoint. Aldo Leopold said "The first rule of intelligent tinkering is to save all the parts". I sincerely believe we'll be in much better shape in the future if we try to save all those parts, and have all those parts to work for and with us.



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# Protection After Delisting

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Penalties under the MBTA include a maximum of two years imprisonment and \$250,000 fine for a felony conviction and six months imprisonment or \$5,000 fine for a misdemeanor conviction. Fines double if the violator is an organization rather than an individual. Copies of the MBTA are available at: <http://permits.fws.gov/ltr/ltr.shtml>.

## 2. Lacey Act

Passed in 1900, the Lacey Act protects bald eagles by making it a Federal offense to take, possess, transport, sell, import, or export their nests, eggs and parts that are taken in violation of any state, tribal or U.S. law. It also prohibits false records, labels, or identification of wildlife shipped, prohibits importation of injurious species and prohibits shipment of fish or wildlife in an inhumane manner.

Penalties include a maximum of five years and \$250,000 fine for felony convictions and a maximum \$10,000 fine for civil violations and \$250 for marking violations. Fines double for organizations.

## 3. State Laws and Regulations

In addition to Federal laws, many states and some smaller jurisdictions and tribes have additional laws and regulations protecting bald eagles. In some cases those laws and regulations may be more protective than federal regulations. Some states may continue to list the bald eagle as endangered, threatened, or of special concern. New Jersey State protective regulations are, according to Niles, more restrictive than federal regulations. Ultimately, it will be up to the states to monitor and enforce the new rules following the delisting, including land development.

A major concern for the continued survival and prosperity of the species is suitable habitat; concern that some landowners may have the incorrect impression that they can disturb eagles. Watts says, "We had gotten calls all the time from developers waiting for delisting because they thought protection would be reduced a great deal." The pressure to develop land increases as our population increases. Niles says, "Development is an irreversible problem. The water line is where everyone wants to live, eagles included."

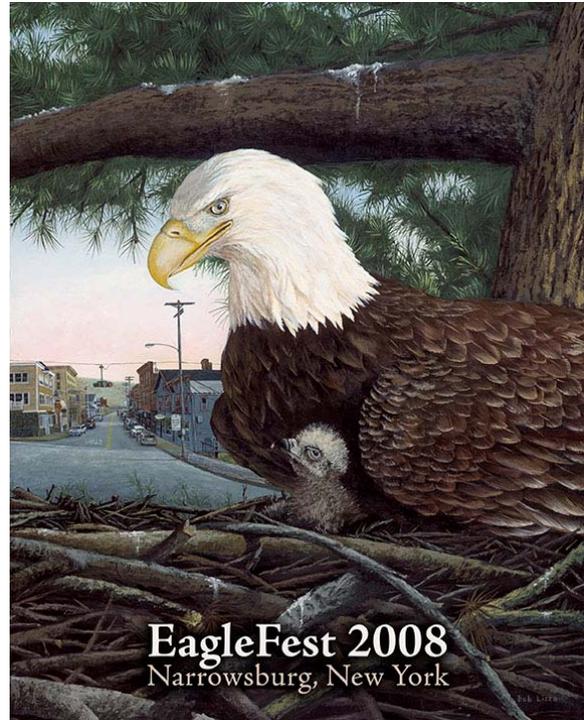
To ensure that eagles continue to thrive, the Service has announced that it will work with state wildlife agencies to monitor eagles for at least five years. Should eagles again need the protection of the ESA, the Service can propose that they be "re-listed".

While there is cause to celebrate the remarkable recovery of the bald eagle, it is important to note that they are not out of danger. How eagle habitat will be protected in the future and the part we all play in habitat preservation is key to their continued recovery and prosperity.

**SOURCES:** [www.fws.gov/migratorybirds](http://www.fws.gov/migratorybirds)

Dr Larry Niles, former Chief of Endangered and Non-game Species Program Division of Fish, Game, and Wildlife, NJ DEP.

Dr Bryan Watts, Director of the Center for Conservation Biology, College of William and Mary, Williamsburg, VA.



With a donation of \$30 or more, you will receive this 16 by 20 poster created by Robert Lizza - Featured Artist EagleFest 2008. For more information, contact us at: [www.dveaglealliance.org](http://www.dveaglealliance.org)

## The Delaware Valley Eagle Alliance

**Our mission: to increase awareness, understanding and promote conservation of our wildlife and natural environment.**

### Educational Events, Programs and Publications

The Delaware Valley Eagle Alliance is a 501(c)(3) not-for-profit organization. All events and programs are funded by your generous donations. If you would like to make a donation, please send your "tax deductible" check, payable to the Delaware Valley Eagle Alliance to:

PO Box 498, Narrowsburg, NY 12764

#### Delaware Valley Eagle Alliance Directors and Officers

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