

How Does Your Vacation Measure Up?



CAPE COD FIELD SCHOOLS

**Active, Fun & Educational Field Courses for Adults
Offered by Wellfleet Bay Wildlife Sanctuary**

2011 Course Schedule:

Cape Cod in Bloom June 4–5

Turtles of the Outer Cape June 22–25

Coastal Ecology by Kayak July 13–16 & Aug. 10–13

Butterflies and Their Gardens July 22–23

Dragonflies & Damselflies July 24–25

Beginner's Guide to Shorebirds July 26–28

Digital Wildlife Photography July 28–31

The Art of Nature Sketching August 4–7

Coastal Field Ornithology August 18–21

The Art & Science of Nature Journaling August 27–28

Reading the Landscape August 29–30

Hatching Diamondback Terrapins September 9–11

Intro. to Digital Photography September 16–17

Intermediate Digital Photography September 18–19

Beach Ecology and Geology October 1–2

Marine Animal Strandings November 11–13



No experience required—just bring your sense of adventure!

Wellfleet Bay Wildlife Sanctuary

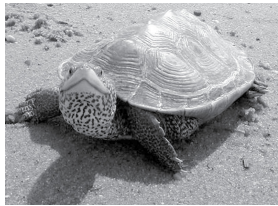
508-349-2615

www.massaudubon.org/wellfleetbay/fieldschools

 **Mass Audubon**
Protecting the Nature of Massachusetts

Wildlife Studies

TURTLES OF THE OUTER CAPE



June 22–25

Survey the Outer Cape's turtle populations through field research on two state-listed species, the northern diamondback terrapin (threatened) and the eastern box turtle (special concern) in this action-packed four-

day course. Participants will conduct nesting surveys, experience radio tracking, assist with mark and recapture studies and nest relocation and protection; and learn about predator and habitat analysis. Evening lectures will complement fieldwork and dinner on the first evening is provided. *Instructors:* Bob Prescott, Wellfleet Bay sanctuary director; Don Lewis and Sue Wieber Nourse of Cape Cod Consultants

\$235/Member; \$260/Non-member

HATCHING DIAMONDBACK TERRAPINS



September 9–11

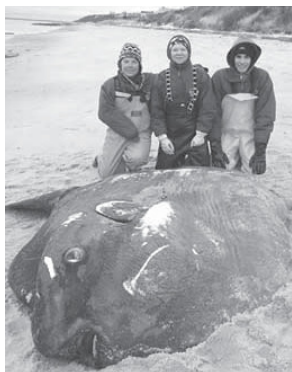
In early summer female diamondback terrapins leave the salt marsh to lay eggs in adjacent uplands. Several months later tiny turtles

emerge from their eggshells, tunnel to the surface, and head to the marsh. In this three-day weekend

focusing on Wellfleet Bay's terrapin project, participants will gain first-hand knowledge of turtle biology; monitor nests for hatching activity; weigh, measure, and release hatchlings; and document nesting success at various Outer Cape locations.

Indoor lectures, a boat trip, and first evening's dinner are also provided. *Instructors:* Bob Prescott, Wellfleet Bay sanctuary director and Barbara Brennessel, Wheaton College professor
\$220/Member; \$245/Non-member

SEA TURTLE AND MARINE ANIMAL STRANDINGS



November 11–13

Although animal strandings are ultimately determined by weather conditions, this unique three-day course is scheduled during peak time for strandings of sea turtles, ocean sunfish, and torpedo rays. Participants will get a "hands-on" perspective by patrolling beaches to search for cold-stunned sea turtles, collecting baseline data on stranded marine life, and performing nec-

ropsies. Dinner on the first evening, lectures, and a harbor cruise are included. *Instructors:* Bob Prescott, Wellfleet Bay sanctuary director; Don Lewis and Sue Wieber Nourse of Cape Cod Consultants; Krill Carson of New England Coastal Wildlife Alliance; and Dennis Murley, Wellfleet Bay naturalist

\$220/Member; \$245/Non-member

DRAGONFLIES & DAMSELFLIES

July 24–25

Summer is the perfect season for observing and learning about dragonflies and damselflies.

This two-day course will provide an introduction to when and where to find them, how to identify them, simple anatomy, history, and folklore. Field trips to grasslands, woody trails, and wetlands will provide opportunities to observe and examine these fascinating insects more closely. Through our study participants will begin to distinguish the differences between dragonflies and damselflies, recognize the different families, observe mating and feeding behaviors, and discover the larval stage. *Instructor:* Gail Howe Trenholm, naturalist and insect enthusiast

\$185/Member; \$210/Non-member



BEGINNER'S GUIDE TO SHOREBIRDS

July 26–28

Nail down the identification of "peeps," plovers, and other species in this introductory three-day field course. Throngs of migrating shorebirds stop to feed and rest on the productive mud flats and marshes and late July is the peak of activity. The identification of sandpipers, dowitchers, yellowlegs, godwits, plovers, and other species will be the focus, but along the way we will learn about shorebird migration, behavior, and breeding biology. We'll also take a peek at the tern species! A tour of South Beach in Chatham, Coast Guard Beach in Eastham, and Nauset Marsh in Orleans; and dinner on the first evening are included.

\$275/Member; \$300/Non-member

COASTAL FIELD ORNITHOLOGY

August 18–21

It would be difficult to find a better place and time than Cape Cod in August to explore the subject of coastal ornithology. Beaches and marshes teem with shorebirds and seabird, songbird, and raptor migrations begin. This four-day course will emphasize field identification, as well as topics in migration, behavior, and biology. Illustrated presentations will be complemented by excursions to premier East Coast birding spots and unique field opportunities including:

- * Tours of South Beach & North Beach Island in Chatham
 - * Pelagic Seabird & Whale Watch on Stellwagen Bank
 - * Field trips within the Cape Cod National Seashore
 - * Songbird banding at Wellfleet Bay Wildlife Sanctuary
- And to top it off, dinner on the first evening is provided!

\$395/Member; \$420/Non-member

Instructor for both classes: David Clapp, naturalist and international tour leader



Butterflies & Their Gardens
course described on page 4.



Photography, Art, and the Nature of “Seeing”

DIGITAL WILDLIFE PHOTOGRAPHY

July 28–31

Explore the art of wildlife photography using digital technology. Turtles, birds, and butterflies are just a few of the wild subjects we will photograph. This hands-on, four-day workshop focuses on the fundamentals of photography and an introduction to editing images using Photoshop and Lightroom. Both indoor and outdoor workshops are planned. Outdoor sessions will be scheduled in the early morning and late afternoon to take advantage of the best light of the day. Use of the instructors’ professional Canon cameras and accessories will be encouraged; however, participants need to supply their own digital SLR camera and have a working knowledge of their equipment. This course is best suited for intermediate to advanced photographers.

Instructors: Shawn Carey, wildlife photographer and co-founder of Migration Productions and Eric Smith, photographer
\$350/Member; \$375/Non-member



THE ART OF NATURE SKETCHING

August 4–7

This four-day workshop combines the best of two worlds, art and natural history. Each day starts with basic drawing lessons during which you learn to build upon basic shapes to render plants, animals, and scenery. This course is appropriate for both beginners and those with art experience. Instruction will be available in a specific concentration (e.g. birds, trees, landscapes). This is the 19th year Phyllis Evenden has taught Field School—a testament to her popularity as an instructor! *Instructor:* Phyllis Evenden, graphic artist and illustrator

\$235/Member; \$260/Non-member



THE ART & SCIENCE OF NATURE JOURNALING

August 27–28

Direct observation has long been used to study the natural world and early scientists and explorers often kept detailed journals full of drawings, diagrams, maps, and notations to document their findings. In recent years artists and poets have kept their own versions of visual and written journals and sketchbooks to record not only facts but personal responses to what they have seen and experienced. This two-day workshop combines both these approaches in creating nature journals as we set forth to document our two days of observations and insights while outside in the natural world at Wellfleet Bay and on a cruise in Nauset Marsh. No special skills are required other than an openness and willingness to learn. *Instructor:* Mary Richmond, artist, writer, naturalist
\$185/Member; \$210/Non-member

READING THE LANDSCAPE

August 29–30



Cape Cod has inspired many writers and spawned a rich literary tradition. In this two-day course we’ll actively explore the dunes, woods, beach, and marsh while discussing the interrelationships of the landscape and written word. Our readings and musings will

span the last 200 years—from classics like Beston’s *The Outermost House* and Thoreau’s *Cape Cod* to the works of contemporary authors including John Hay, Robert Finch, and poet Mary Oliver. *Instructors:* Dennis Murley, naturalist and Melissa Lowe, outreach coordinator
\$185/Member; \$210/Non-member

INTRO. TO DIGITAL PHOTOGRAPHY

September 16–17

This two-day, beginner-friendly course explores the art of digital photography while using the rich habitats of Wellfleet Bay as a backdrop. Indoor discussions of the many useful features found on most digital cameras is paired with in-the-field practice on such topics as resolution, exposure, composition and depth of field. Time is also reserved for review of student photographs taken during the course which will allow for valuable feedback. Students must supply their own camera and have a basic understanding of how it operates. *Instructor:* Bob Speare, naturalist, photographer, and director of Mass Audubon’s Wildwood Camp
\$185/Member; \$210/Non-member

INTERMEDIATE DIGITAL PHOTOGRAPHY

September 18–19

This “next-step” from the introductory course, or for individuals who already have a good working knowledge of the major functions of their cameras, is a two-day field workshop designed for those with a more sophisticated point-and-shoot or SLR digital camera. It will emphasize more advanced camera settings and intermediate composition techniques that can be used to strengthen your overall picture quality. An emphasis on lighting, focus, and proper exposure will be covered. Most of this class will take place outdoors in the field with early morning and late afternoon shoots to take advantage of the best light of the day. Indoor sessions will be held mid-day and include critique of student photographs. *Instructor:* Bob Speare, naturalist, photographer, and director of Mass Audubon’s Wildwood Camp
\$185/Member; \$210/Non-member

For more information on Cape Cod Field Schools
please call 508-349-2615 or visit
www.massaudubon.org/wellfleetbay/fieldschools

Natural History Courses

Fees for 2-day courses below: \$185/Member; \$210/Non-member

COASTAL ECOLOGY BY KAYAK

Session I: July 13–16

Session II: August 10–13

Study the nature of salt marshes, coastal plain ponds, barrier beaches, dunes, and tidal rivers by kayak. Great Island in Wellfleet, Nauset Marsh, and Pleasant Bay, our paddling destinations, are some of the most scenic waterways on the Cape. Participants provide their own kayaks or rent Wellfleet Bay's boats for a small fee. Basic paddling skills and the ability to swim are required.

Instructor: Dennis Murley, Wellfleet Bay naturalist, with David Weintraub, author of *Adventure Kayaking: Cape Cod and Martha's Vineyard* (Session I) and Wendy O'Keefe, Wellfleet Bay staff and former NOLS leader

\$275/Member; \$300/Non-member



Thank you to Shawn Carey, Krill Carson, Phyllis Evenden, Craig Gibson, Don Lewis, Joy Marzolf, Michael Michalski and Julie O'Neil for the use of their wonderful photos and illustrations.

CAPE COD IN BLOOM

June 4–5

Flowering shrubs and wildflowers grace the dunes, fields, woods, and wetlands in late spring. Even the beaches are abloom! A series of walks during this weekend workshop will take us to some of Cape Cod's hidden corners, home to several globally significant plant communities, and provide excellent opportunities to learn about the identification of these plants, their role in the region's ecology, and how humans use them. *Instructor:* Dennis Murley, Wellfleet Bay naturalist

BUTTERFLIES & THEIR GARDENS

July 22–23

There is more to butterfly watching than just identifying and listing the adults. The adults display an amazing variety of behaviors to aid in their sustenance, survival, and sex! And the larval stage is equally fascinating. During the two-days, field trips to a variety of butterfly "hotspots" will provide insight into the biology, behavior, adaptations, and identification of these beautiful insects. Time will also be spent learning what nectar and host plants can be incorporated in gardens to attract a variety of butterfly species.

Instructor: Gail Howe Trenholm, naturalist and insect enthusiast

BEACH ECOLOGY & GEOLOGY

October 1–2

Cape Cod's beaches are constantly in flux. The pounding surf erodes the shoreline and the longshore current moves the sand to another spot. This two-day course will highlight the dynamic nature of beaches with a focus on how geology has shaped, and continues to shape, Cape Cod and which species of wildlife and plants adapt to this dramatic environment. Early fall is an exquisite time to explore the beach! *Instructor:* Dennis Murley, Wellfleet Bay naturalist

FEES: Please refer to details on this flyer regarding prices for individual courses. Housing is not offered. A \$50 nonrefundable deposit per course, per registrant is due with registration. Balance due 30 days prior to course. Registration is accepted either through the mail or via telephone with a credit card. Please do not fax credit card information. **CANCELLATION POLICY:** Cancellations must be received in writing 30 days before starting date to receive full refund (less \$50 nonrefundable deposit). Cancellation less than 30 days before starting date results in forfeit of both deposit and balance. The sanctuary reserves the right to cancel any course with a full refund to registrants. **For more information call 508-349-2615, email wellfleet@massaudubon.org, or visit www.massaudubon.org/wellfleetbay/fieldschools**

Registration Form

Please make checks payable to Massachusetts Audubon Society. For identity safety assurances, fax and email submissions are not accepted. To register, detach this form and return it with a \$50 nonrefundable deposit per person, per class to: **Mass Audubon/Wellfleet Bay Wildlife Sanctuary, P.O. Box 236, South Wellfleet, MA 02663**

Name _____ e-mail _____

Address _____ City _____ State _____ Zip _____

Phone: (Home) _____ Phone: (Cell) _____

Male Female Mass Audubon Member Number _____ Nonmember

Field School Session(s) _____

Check Enclosed MC, Visa, Discover # _____ Exp. Date ____/____ Signature _____

Total amount enclosed _____ Balance due _____ Date due _____

I have read and accept the cancellation policy. (Signature) _____