Update on UCRA Wetlands ARAP

By John Harwood

In a previous article in the Tennes-Sierran we've detailed the Sierra Club's opposition to the planned filling of a wetland next to the Upper Cumberland Regional Airport. In summary, the wetland is a unique resource. It is a total of ten acres, which contains a very rare (for our area) marsh habitat. It is also a beautiful place that would much better serve as a park than as ground under hangars. Permits for destruction of aquatic resources, including wetlands, require that the condition of "avoidance" be addressed. In this case, the planned construction could conveniently utilize thirty acres directly be-
**ARTICLE SUBMISSION GUIDELINES:**

Submission DEADLINE is the 5th of the month preceding the new month’s issue.

1. Email and email attached files are preferred. Send to TennesSierran@aol.com with embedded text messages, or attached files in PC-based formats. Mac users should embed text in body of an email message only.

2. Photographs should be scanned in a .jpg or .tif file format, whenever possible, then either attached to email messages, or attached files in PC-based formats. Mac users should embed text in body of an email message only.

3. Hard-copy handwritten, or typewritten, articles may be accepted; however, pre-approval from the Editor is required.

4. Any materials submitted via USPS mail can not be returned unless a stamped, self-addressed envelope is provided.

The opinions expressed in the Tennes-Sierran are those of the contributors and do not necessarily reflect the official views or policies of the Tennessee Chapter, or the Sierra Club.
Time Flies! It has been an eventful year for the Tennessee Water Sentinels. This is best shared with you gentle readers in this photo-montage that highlights just some of TWS's many activities. Go to:

http://www.tennessee.sierraclub.org/chickasaw/

...to download and read the reports that Tennessee Water Sentinels has done.

To read what is being done at other Water Sentinels sites around the nation, go to:

http://www.sierraclub.org/watersentinels/

1. Director of the National Sierra Club’s Water Sentinels program makes the official announcement at the Chickasaw Group's program meeting in March 2003 that the Tennessee Water Sentinels project is a “go”. Photo by James Baker

2. A “toxic tour” of water pollution sources in Memphis conducted in March 2003. From left to right: Charlie Rond - 2003 Chickasaw Group Chair, James Baker and Scott Dye inspect Cypress Creek and one of its many industrial dischargers. Photo-tripod mounted camera

3. On Earth Day, 2003, the Tennessee Water Sentinels and the Chickasaw Group held a press conference to release the findings on storm water pollutants in the Wolf River Harbor. From left to right: James Baker, Scott Dye, Allan Lummus - 2003 Conservation Chair and Teri Sullivan - 2003 Publicity Chair, await the arrival of the press. Photo by Don Richardson

4. In early May 2003, Tennessee’s Water Sentinel teaches at an International Erosion Control Association seminar in Memphis. At left: James is demonstrating to the seminar’s attendees how a “construction exit” is to be installed and maintained. Badly maintained erosion controls on construction sites gives James a case of the “muddy water blues” and he lets the appropriate agencies know about these sites via letters and photos. Photo by Bill Griffin

5. While clear cuts on the Cumberland Plateau are observed best from an aircraft, the devastation from ground level is very obvious as well. At the Summer Chapter Retreat in August 2003, Cielo Sand - a Tennessee Forests Council member showed James and other interested Sierrans several clear cuts. Note the erosion channel in the center foreground of this photo. Clear cuts impact streams with mud and silt, often for years after the cutting is completed. Photo by James Baker

6. While touring the clear cut sites at the Chapter Retreat, Cielo and James came upon these piles of manure beside the road. They appeared to be recently dumped and the stench was incredible. Photo by James Baker

7. The Tennessee Water Sentinels and the Chickasaw Group held a successful clean-up along the shores of the Wolf River Harbor in October 2003. As one can see, the Sierra volunteers and members of the Coast Guard collected many bags of urban flotsam and jetsam that had been washed out of the storm drains into the harbor. Photo Scott Dye

8. On a very cold and windy morning in January 2004, these frozen folk gathered on the banks of the Mississippi River as James gave a short press conference regarding the release of the latest Tennessee Water Sentinels report, “Fouling the Father of Waters.” Left to right: Steven Sondheim - Friends of Shelby Farms, Sue Williams - League of Women Voters, James Baker, Charlie Rond and Gary Bridgman - President of the Board of Directors of the Wolf River Conservancy. Photo by Don Richardson.
PROGRAM MEETING: Tuesday, April 13, 2004, Tennessee Valley Unitarian Church, 2931 Kingston Pike, Knoxville. For our April program, we welcome Lisa Stewart, a volunteer of the Appalachian Bear Center in Townsend. The center is a not-for-profit organization whose mission is to rehabilitate orphaned and injured bears for release to the wild, to educate the public about black bears and the regional threats facing them, and to research bear attributes which may help solve other environmental or health related issues. Call Priscilla Watts at 865-966-4142 for more information.

MIDDLE TENNESSEE GROUP (Nashville)

PROGRAM MEETING on Thursday, April 22nd, 7:00 p.m. - Greenway Farms in Hiwassee - Our April Program will be a potluck/social to celebrate Earth Day (Thursday April 22). We will meet at Greenway Farm (just off of Good Samaritan Road) in Hiwassee for the 7:00 PM celebration. Bring a dish and enjoy food, fun, and fellowship with fellow Sierrans from across southeast Tennessee! The night of our monthly programs was changed from the third Thursday of each month to the fourth Thursday of each month.

STRATEGY MEETING: Monthly strategy meetings are generally held prior to the program meetings and everyone is welcome to attend. The strategy meetings begin at 5:30. For additional information, contact Rick Gretke 423-843-9625 or email rick.gretke@comcast.net

CHICKASAW GROUP (Memphis)

MONTHLY MEMBERS MEETING: Thursday, April 1, 6:00 - 8:00 p.m. - Otherlands, 641 South Cooper, Memphis, Tennessee. Join us for Chickasaw Group’s “FIRST THURSDAY” monthly meeting where Sierra Club members, activists and friends can meet in a casual setting to talk about issues and interests. Contact Membership Chair Jill Johnston <jdjhnstn@memphis.edu> at (901) 278-2132 for more information.

STRAIGHT MEETING: Monday, April 12, 6:30 p.m. - University of Memphis Archives Center, 635 North Main Street, Memphis, Tennessee. This meeting of the Executive Committee is open to all members of the Sierra Club. Contact Charlie Rondeau <crondeau@belaloula.net> (by April 8 to place items on the agenda) at (901) 452-8150 for more information. (Note: This is a new meeting site.)

THIRD THURSDAY GATHERING: April 25, 6:00 - 8:00 p.m. - Café Français, 400 North Main, Memphis, Tennessee. Join us for Chickasaw Group’s “THIRD TUESDAY” monthly gathering where Sierra Club members, activists and friends can meet in a casual setting to talk about issues and interests. Contact Membership Chair Jill Johnston <jdjhnstn@memphis.edu> at (901) 278-2132 for more information.

PROGRAM MEETING: Wednesday, April 28, 2004 - 7:00 p.m. - Memphis and Shelby County Public Library and Information Center, 3030 Poplar Avenue, Memphis, Tennessee. Steve Sandheim from the Friends of Shelby

Don’t Forget, Spring means Silent Auction!

The Defenders of Tennessee is a Sierra Club program that was formed for the purpose of funding our own lobbyist in the Tennessee Legislature. For the past 7 years, our lobbying efforts have paid off in getting good legislation passed and bad legislation stopped. One of the ways we fund this program is through a silent auction at our Spring Meeting (see below ad). We need your donations of new or good old things, such as crafts, outdoor equipment, gift certificates, plants, books, handmade items, homemade jam, home breads, etc. If you are not able to attend the meeting but want to help, please contact someone you know who is going, or call your local chair listed on page 2 of this newsletter to arrange for someone else to take your donations to the meeting. AND, if you are coming to the meeting, don’t forget to bring dollars to buy all the good stuff!

Tennessee

Spring Program Meeting

April 30-May 2, 2004

Fall Creek Falls State Park

Housed by the Middle Tennessee Group. Join us at Fall Creek Falls State Park. We will occupy the Group Lodge where bunks are provided, but bring your own bedding, pillow, and towel.

Activities will include early Saturday morning bird watching (Spring warbler should be in the forefront), and then a “lunch mountain bike” (to the Falls overlook, then down to the base), or mid morning to “lunch mountain bike” (Chinquapin trail, moderate). You could probably plan on a length of time on the mountain bike trail! Saturday evening we will enjoy a Silent Auction, and maybe a short evening program.

The cost for the entire weekend is only $30.00 per person (1/2 price for children under 12 years old). This includes lodging, Saturday breakfast and dinner, and Sunday breakfast.

Please RSVP to: Rachel Plonsey email: rflloyd557@aol.com telephone: 615-406-9204 Registration Info Needed:

- Number of Attendees & Names
- Number of canoavese
- Number of herbivores
The Tennes-Sierran bring field trips will be an excellent way in which we can increase attendance and reach out to a younger audience. These cards give you, the concerned public, an opportunity to voice your opposition to the destruction of Avenue South (Leland Avenue) and Gale Lane at the I-440 overpass. Music provided by Mustafa Abdul-Aleem, Stephen Gaskin and Steve Earle. $20 donation with sliding scale and family cap - youth under twelve $5. Earth friendly food and booths.

Middle Tennessee Group & Earth Month, 2004

By Christopher Anderson, and Shelli Dimarco

The Sierra Club Middel Tennessee Group will be participating in at least three Earth Day events this year. The first event will be over a period of three days at the Grassmere Nashville Zoo, on April 3, 4, and 18. The second event will be Earth Day in Nashville at Centennial Park on April 17. We will also be at the Murfreesboro Earth Day event, which takes place on April 22, which is the actual day on which Earth Day is being celebrated this year. The Murfreesboro event will take place at the Murfreesboro Civic Plaza. For details on hours for all three events, please see the end of this article.

We welcome anyone wishing to be a part of, or wishing to broaden, our efforts at celebrating our beautiful planet and helping us spread the word on how important taking care of Mother Earth is. We can use assistance in a variety of ways at all three locations, so please contact us if you would like to participate. In addition, the Metro Earth Day Board is seeking individuals to help with certain tasks at the Centennial Park Earth Day event, such as setting up and tearing down the stage, tables and chairs, helping with the straw bale construction, and assisting the recycling folks (as our own Jeremy Doochin and his Huffman-Fogg student group are already doing). Of vital concern is that we assist Sherri Sloane, the Metro Earth Day Board Chair, in cleaning up after the Centennial event. Given her enthusiasm for, and assiduousness on, the event, and the assistance she has provided our organization, I committed us to making sure the park is left in better condition than that in which we found it! I hope you will consider pitching in to help restore the park after the thousands of Earth Day attendees have gone.

One possible new Centennial Earth Day event, which is an exciting one with the potential to reach a great number of attendees is an event-wide raffle. Organizers have currently gathered donations from several garden centers and nurseries to be raffled off to folks who finish a short survey/quiz (similar to the one we had at the recent Lawn and Garden Show, for those of you who were there). However, the possibility exists of giving other groups the potential to broaden this survey/raffle by turning it into a scavenger hunt, which would proactively engage more of the folks who might attend Earth Day simply to see a headline band or win a prize. The Southern Alliance for Clean Energy is a contributor to this idea, and I anticipate that we will be working closely together on it. A scavenger hunt would require participants to visit several booths and investigate the respective booths' information in order to answer the questions and obtain a raffle ticket. Ideally, participants would decide on their favorite group/area, and prizes (group memberships, products, and such) would be awarded according to participants' interests.

While the Centennial event will no doubt include a diverse audience, the Murfreesboro event, partly due to the fact that it takes place on a weekday, most likely will have fewer adults in attendance. As such, children are the main target audience of the Murfreesboro event. The organizers are hoping that inviting teachers and schools to participate will broaden the event's potential audience. The organizers of the Murfreesboro event are hoping that inviting teachers and schools to participate will broaden the event's potential audience. The organizers of the Murfreesboro event are hoping that inviting teachers and schools to participate will broaden the event's potential audience.

If you have any questions or comments, please contact Christopher Anderson, Conservation Chair (in-training), Middel TTN Group, (615) 478-0596, sustainurworld@comcast.net.

Another Nashville Earth Day Event

Earth Day event April 24 from 1 p.m. to 5 p.m. Thought Concert at the Art's Food Park at 10th Avenue South (Leland Avenue) and Gale Lane at the I-440 overpass. Music provided by Mustafa Abdul-Aleem, Stephen Gaskin and Steve Earle. $20 donation with sliding scale and family cap - youth under twelve $5. Earth friendly food and booths.
All participants in Sierra Club outings are required to sign a standard liability waiver. If you would like to read a copy of the waiver before you participate, please refer to: http://www.sierraclub.org/outings/holder_form/SignInWaiver.PDF, or call 415-977-5630, for a printed version. Transportation to the outing, including carpooling, ride-sharing or anything similar, is strictly a private arrangement among the participants. Participants assume the risks associated with this travel.

HARVEY BROOME GROUP (Knoxville)

Saturday, April 3 at 8AM, Tenth Annual Greenways 5K Race. The T H B Group coordinators (with the Knox Greenways Coalition and Knoxville-Travel Club) is an annual 3.1 mile race on the T third Creek Greenway to support the development of greenways in Knox County. Registration is at West High School on the day of the race; by mail before race day. Cost is $15 if pre-registered ($10 discount for KTC, Caledonia and Sierra Club members), $20 on race day. West High School is on Tolder Lane (from west Knoxville, go east on Kingston Pike to the Bearden area and, 1/4 mile past West Plaza Shopping Center, turn left on Forest Glen, then right on Tolder Lane.

Sat. April 3 - Full Moon Hike - Join us for an evening hike under an almost full moon before we change to daylight savings time! Location to be determined. Contact Linda Smithmyer at 615-822-1797 or lindymym@yahoo.com for more information.

MIDDLE TN GROUP (Nashville)

Apr. Sat. 3 - Full Moon Hike - Join us for an evening hike under an almost full moon before we change to daylight savings time! Location to be determined. Contact Linda Smithmyer at 615-822-1797 or lindymym@yahoo.com for more information.

STATE OF FRANKLIN GROUP (Tri-Cities)

SOFG Outings offers a variety of year around outings & events, which include:
- Full Moon Hikes
- Day Hikes
- Urban Hikes
- Urban Hiking
- Land Maintenance; Gear Swaps; Basic Backpacking
- Day Hikes; Full Moon Hikes; Meteor Shower

For outings of a different sort, come join our community garden project in East Knoxville! All meetings are held the first Monday of every month and dates set then call Cathy Butcher at 226-8925 for bed building and planting times in April.

Come join the Sierra Club & EarthMattersTN
The Tennes-Sierran
Saturday April 3, 7:00pm - Meeman-Shelby Forest Full Moon Hike - Join the Sierra Club and Tennessee Trails. Ranger Samantha M. Aragon will lead us on a 2-mile hike over the trail down toward the river bottoms where many barrens and great horned owls live. You won’t find wilder night life than this on a Saturday evening. Meet at the Visitor’s Center. Entrance fee is $3.00/car. Information: Norma McMinn 901-785-1479.

Sunday April 4, 2004, 11:00am - Signs of Spring Walk - Memphis Botanic Garden, 750 Cherry Road, Audubon Park, Memphis. This is the second in a series of strolls that will let us see how the plants and garden look in the winter and see Spring arriving. As early with flowers begin to bloom. We will walk through all the special areas of the garden. Free admission. Snow or Shiner. Leader Judith Hammond 901-276-2819.

Sunday April 4, 4:30 p.m. - Downtown Walk - Discuss the Riverfront Development Corporation proposed changes to the Public Promenade and Friends for Our Riverfront’s alternative Riverfront Development Corporation proposed changes to the Public Promenade and Friends for Our Riverfront’s alternative riverfront development. — Meet at the bridge next to the parking lot at the Old Forest Lane in the center of Overton Park. The informative and entertaining trail map to the self-guided mile-and-a-quarter mile loop hike with seasonal bird watching and wildflower viewing guides is available for free at the Golf House in Overton Park at all other times. For additional information, contact Don Richardson <donrich@juno.com> at 901-276-1387. Sponsored by Park Friends.

Meet at 10:00AM at the Bluffwalk and Tom Lee Park to enjoy the Public Promenade and Friends for Our Riverfront’s alternative riverfront development. - Discuss the Snow or Shine. Leader Judith Hammond 901-276-2819.

Sunday April 17, 10:00am-12:00p - Wolf River Harbor Clean Up, Memphis, Tennessee - Meet at 10:00AM at the public boat ramp under the Auction Street Bridge, just north of the Pyramid. The closest major intersection is North Front Street, look for the Sierra Club signs and volunteer. Join members of the Chicken’s Group of the Sierra Club and the Sierra Club Water Sentinels program as we pick up trash and litter among the banks of the harbor as we help make Wolf River Harbor cleaner. Trash bags and gloves will be provided. Participants are advised to wear sturdy shoes that they do not mind getting muddy and clothing appropriate for the weather conditions. Participants will be eligible for a drawing to win door prizes from Out Doors, Inc. Contact: City Beautiful Commission and Storm Water Departments at 901-576-6721 or James H. Baker at 901-372-6717 or aubrey_kimo@worldnet.att.net for more information.

Saturday April 17, 10:00am-12:00pm - Sylamore Creek Back - Ozark National Forest, Arkansas. Limestone bluffs, waterfalls, and a gentle, easy trail are featured on this easy laid-back trip. This is a good beginning backpaker overnight. It’s also an opportunity for seasoned backpakers to try out new tent and camping equipment. The hike is about 3 miles and goes up some from Blanchard Springs. Depart Memphis early Saturday morning. Hike in Overton Park (look for Sierra Club sign). Stay on Jack Carley till one sees Sierra Club sign being held by a volunteer. Park on the south side of Jack Carley. (See map). Join with the M-epic City Beautiful Commission and Storm Water Departments as we help make Mt. Ellker Lake cleaner. Trash bags and gloves will be provided. Participants are advised to wear sturdy shoes that they do not mind getting muddy and clothing appropriate for the weather conditions. Participants will be eligible for a drawing to win door prizes. Contact: City Beautiful Commission 901-522-1135, Memphis Storm Water at 901-576-6721 or James H. Baker at 901-372-6717 or aubrey_kimo@worldnet.att.net for more information.

Saturday May 2, 2004, 9:00AM - Wolf River Cleanup & Float - Bateman Bridgehead of Moscow, Wt. Bluff City Canoe Club. The cleanup will begin at the Gun Club past the Paterman Road Bridge down to the bridge where the trash bags will be left for the county to pick-up. Then we float down to Moscow. We’ll see a little of the West Tennessee swamp land as we begin. Meet at 7:00AM at the car park entrance. Contact: Bill Reber 901-722-6717 or aubrey_kimo@worldnet.att.net for more information.

Saturday May 8, 2004, 10:00am-12:00pm - Mtkiller Lake Cleanup - Memphis, Tennessee. Meet at 10AM where Jack Carley Causeway goes across to President’s Island. Driving directions get on Riverside Blvd. going south until it becomes Interstate 55. Stay on Interstate 55 southbound till exit #11 (McClarem Exit). Exit and go west a short distance until one gets to Riverside Blvd (look for Sierra Club sign). Turn right and go a short distance still the road turns left, this is Jack Carley Causeway. (look for Sierra Club sign). Stay on Jack Carley till one sees Sierra Club sign being held by a volunteer. Park on the south side of Jack Carley. (See map). Join the M-epic City Beautiful Commission and Storm Water Departments as we help make Mt. Ellker Lake cleaner. Trash bags and gloves will be provided. Participants are advised to wear sturdy shoes that they do not mind getting muddy and clothing appropriate for the weather conditions. Participants will be eligible for a drawing to win door prizes. Contact: City Beautiful Commission 901-522-1135, Memphis Storm Water at 901-576-6721 or James H. Baker at 901-372-6717 or aubrey_kimo@worldnet.att.net for more information.

Above Map: Location of Mt Ellker Lake Cleanup - Base map courtesy of MapQuest.com

Above Map: Location of Wolf River Harbor Clean-Up - Base map courtesy of MapQuest.com

Please join us for the second annual Sierra sponsored wilderness first aid training (WFA) the weekend of April 24th and 25th at Fall Creek Falls State Park. Landmark Learning, LLC, a long term partner with SOLO (Stonehearth Open Learning Opportunity) will perform the training this year. Landmark’s WFA training as described on their website.

WFA - Wilderness First Aid - 16 hours / 2-yr certification. Originally called Backcountry First Aid, this course was the first of its kind and teaching medical training to be taught anywhere in the world. WFA covers the basics and the most common traumatic, medical, and environmental issues that occur in the backcountry.

This class includes: the anatomy of a crisis; the correct procedure to protect yourself and others on your trip while caring for the injured; the patient assessment survey; vital signs; the physical exam; shock; blisters; burns; hypothermia; frostbite; lightning; allergies; muscular skeletal injuries (i.e., strains and sprains); fractures; splints; dislocations Please join us for this educational weekend that features top notch first aid training in an outdoor setting by instructors that have actual in the field experience. Last year’s training featured hands on learning, fellowship, group dining and just plain fun. Here are some quotes from last year’s participants.

"An excellent course very informative very knowledgeable creative instructors a must for all trip leaders or anyone who hikes outside organized trips." — M iram McClendon

"I have no way that anyone should venture into the backcountry without a basic level of competence in first aid. The WFA course should be at the top of everyone’s skill acquisition with list. Simply outstanding." — Tim Scholl

"A highly recommended course… essential learning for anyone who ventures into the backcountry, and a great group of folks with similar interests. I thoroughly enjoyed it." — Robin Johnston

WFA’s wilderness first aid classes of this caliber often cost at least twice this amount. Sierra’s goal in providing this training is to help insures the safe enjoyment of the great outdoors and we price this course accordingly for our members. Space is limited, and enrollment may already be full, but if interested, please do not hesitate contacting Kitty Pendleton at 615/943-6877 evenings or email at dkeight@gmx.net

Above Map: Location of McKellar Lake Cleanup - Base map courtesy of MapQuest.com

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The Tennes-Sierran

Book Reviews by Richard Simmers


Why do I write so often on subjects of agriculture and gardening? First of all, I like to garden. More importantly, it is because food, source of most human energy and without which all human life would cease, is becoming a worldwide crisis, due largely to agricultural mismanagement. According to Charles Walter, book (Unforgiven), agriculture is vital (but often neglected) underpinning of the American economic system. Walters interviewed Carl Wilken in 1968 shortly before the latter diet wilken, who consulted congressmen in at least the F.D.R. Roosevelt and Truman years, understood as well as any other the economic importance of agriculture, and occasionally had some impact on farm policy matters. Charles Roy was another source of data for this book; Roy could calculate six months in advance how well the American economy would do, merely by knowing “annual physical farm marketings” (pp. 254-255). John Lee Coulter, former chairman of the U.S. Tariff Commission, filled in details for Wilken (see Ch. 16).

Unforgiven is the economics book I wish I had had 30 years ago (it was first printed in 1971). In his book, Walters mentions nearly every important economic thinkers from the French physiocrats to Milton Friedman, including Adam Smith, David Ricardo, John Stuart Mill, Herbert V. Viner, Joseph Boskin, and G.G. Musgrave. He considers Ben Franklin our first important economics thinker in America; Ben stated that there were 3 ways a nation could become wealthy: (1) plunder other countries through war and colonialism, (2) trade (limited by buying cheap and selling dear), and (3) agriculture (dealing with renewable resources; think of how Murphy’s Law (pp. 112-113, lines 197-200). He and Cato were certainly right in recommending the French agronomists and Earl Butz types, take note! However, it is the splendid nature poetry in the Georgics that I appreciate reading the most, whether it is shorebirds bathing, a swallow fitting about, crows returning to their broods, or such passages as “Omnem genus in terris, omnem idem” (lines 242-244, book III, p. 192). (A good answer to those snooty types who consider themselves above and separate from animals).

I bring in Virgil’s Georgics partly because it, too, is an excellent read. The edition I have has facing pages in Latin on the left, English on the right, which may help you stand some aspects of farmers’ lives in the early years of the Roman Empire; little changed for almost 2000 years (Virgil mentions returning dung and ashes to the soil (pp. 164-165) and letting fields rest (lie fallow) occasionally. He foreshadows Murphy’s Law (pp. 112-113, lines 197-200). He and Cato were certainly right in recommending the French agronomists and Earl Butz types, take note! However, it is the splendid nature poetry in the Georgics that I appreciate reading the most, whether it is shorebirds bathing, a swallow fitting about, crows returning to their broods, or such passages as “Omnem genus in terris, omnem idem” (lines 242-244, book III, p. 192). (A good answer to those snooty types who consider themselves above and separate from animals).

I have finally been able to purchase copies of F.H. King’s Farmers of Forty Centuries, a sort of travelogue and tour of farms in another source of data for this book; Roy could calculate six months in advance how well the American economy would do, merely by knowing “annual physical farm marketings” (pp. 254-255). John Lee Coulter, former chairman of the U.S. Tariff Commission, filled in details for Wilken (see Ch. 16).

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