

Clean Energy Legislation:

Energy Efficiency VETO OVERRIDE

by Charlie Garlow—You probably read in a recent *Chesapeake* about the Energy Efficient Appliances bill, HB 747 and SB 394, in the last Session, which would have established minimum energy efficiency standards for the sale of ten common appliances, from torchiere lamps to ceiling fans to exit signs. The purchase of efficient appliances saves money, reduces pollution, and benefits the economy. Though the bill passed overwhelmingly, the Governor vetoed it, saying that it would increase costs to the consumer. A short-sighted "consumer advocate," he ignores the fact that these better-quality products save money in energy costs that more than makes up for the marginally higher purchase price.

Now that the Governor has vetoed this good bill, we are planning to override his veto. We don't often do this sort of thing, but the Maryland environmental community is preparing to take on this task. The process for overriding a veto takes place the first week of the Legislature in January, 2004. So, we need to get our calls, cards, and letters into our State Senators and Delegates, starting *right now.*

Questions? Call me, Charlie Garlow, Chair of the Air and Energy Committee, MD Chapter, 301-593-9823.

How Do I Contact My Legislators in Annapolis?

If you know your State Senator's and Delegates' names, you can call 1-800-492-7122 from Maryland and ask the operator to connect you with the office of that Senator or Delegate. [Delegates are sometimes in the same bay area, so one call connects you to all of your delegates.]

If you don't know your Senator or Delegates by name, but you know what District you are in, you can give your district number to the operator, who will connect you. If you don't know your district, you may ask for help on the phone, but it is really faster to use the web at www.mlis.state.md.us. On this site, click on Find a legislator. Type in your address and zip code. You will find out what your district is and who your delegates are. Click on their names and their direct-dial, toll-free phone numbers will appear. So will their e-mails. Their e-mails are usually first name_last name@house.state.md.us or @senate.state.md.us.

Usually you will get a voice-mail machine or a secretary, not your Senator or Del-

egate, although you can ask to speak directly to them, if they are available. But even if you don't talk directly to a Delegate or Senator, it is still important to leave your message. Often, the secretary/aide will tell Delegate Joe that he got ten calls on this issue and one call on something else. They pay attention to the number of calls they are getting. It lets them know what the hot topics are . Let's FLOOD those Senators and Delegates with calls for energy efficiency!

What Do I Say?

You don't have to be very eloquent, as the secretary will probably just be counting calls, but do try to be clear. "Please tell my delegate that I live in District xx, at123 Cherry St, Elkton, MD." This lets them know you are really one of his or her voters. "Please tell Delegate Joe to vote to override the Governor's veto of the energy efficiency bill." That's all you have to say, or words to that effect.

SAVE THIS TIP SHEET, AND USE IT TO LOBBY YOUR DELEGATES ON OTHER LEGISLATION



Political Committee Gears Up

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We Need Your Help to Elect Pro-Environment Candidates in '04

by Betsy Johnson and Charlie Garlow — We did a great job in September, October and November 2002 electing all sorts of good candidates, from City and County Council candidates to State Senators and Delegates. We fell short on the Governor's race, which we are finding out is hurting a lot.

The 2004 Congressional and Presidential elections are right around the corner. Here are some priorities for you:

- * Get registered to vote, and encourage others to do the same.
- * Get involved in our Political Committee efforts to select candidates to endorse, and to raise political PAC money which we can use for telling the world about our endorsed candidates.
- * Work with your group political chairs or contact Charlie Garlow, Political Chair, 301-593-9823 (charlie.garlow@juno.com) or Betsy Johnson, Vice Chair, 301-656-4948 (betsy_johnson@comcast.net) or Mike Green, 410-381-4378 (michaelgreen@comcast.net), Voter Registration sub-committee. Contact information for group political chairs is shown in the box on the right.

We are working on early endorsements for some of our great Congressional team. We have several with stellar records. We will send questionnaires on environmental issues, interview candidates where there is a significantly contested race, and announce those endorsements, too.

We will be working in the Presidential election to elect someone who has good environmental credentials. The national Sierra Club will decide when and who we endorse. We will be working locally and also sending our Maryland political volunteers to a "swing" state like W. Va. or Pennsylvania, like we did in the 2000 Presidential elections. We helped Pennsylvania Sierra Members win that state for the Sierra Club's candidate, Al Gore, by sending van loads of help every fall weekend, and we will do the same in 2004.

Come join us - it's time to hold the politicians accountable!

Anne Arundel Mary Marsh 410-757-5913 mmarsh@cleanbus.net

Baltimore Cliff Terry 410-944-9477 ckterry@bcpl.net

Catoctin Gregor Becker 410-876-2182 gregb@carr.org

Southern Maryland Bonnie Bick 301-839-7403 bonnie@radix.net

Montgomery Betsy Johnson 301-656-4948 betsy_johnson@comcast.net

Prince Georges Chip Reilly 301-218-3920 cbreilly@his.com

Howard Nancy Davis 301-776-6846 NancyLeeD@earthlink.com

Eastern Shore Jan Graham (410) 648-5476 jgraham@bluecrab.org

Western MD Mark Diehl 301-724-6238 markdiehl@mindspring.com

Chapter Elections

Exercise Your Vote! Elections for Executive Committee Now Underway!

The Sierra Club is a grassroots environmental organization that elects its own leadership. Every member is entitled to vote and run for leadership positions in the Club.

This issue of the Chesapeake contains the ballot for electing members of the Executive Committee of the Maryland Chapter of The Sierra Club.

The Executive Committee runs the Chapter and adopts the Chapter's policies and responses to the many environmental challenges we face in

Maryland. Since 2004 is an election year, the Executive Committee be recommending to the National Political Committee which of Maryland's Federal Representatives and Senators should be endorsed.

Executive Committee is composed of six at-large members elected by the Maryland membership, and by one delegate from each of our nine groups. Atlarge members are elected for two year terms. Three of the six at-large positions are up for election each year. The Executive Committee elects the Chapter Chair and other officers from its own ranks.

Maryland Sierra Club members are encouraged to read the candidates' statements, fill out the ballot and mail it to the Chapter office at this address: 2004 Chapter Ballot Maryland Chapter/Sierra Club Room 101A 7338 Baltimore Ave. College Park, Maryland 20740-3211.

The Executive Committee meets six times a year on the third Saturday of every odd month. Those elected will take their positions at the January 17, 2003 meeting.

Ballots appear on page 19 of this newsletter and are due in the office by January 12, 2004. Please read the candidates' statements carefully and vote in this election for members-at-large for the Executive Committee of your Maryland Chapter of the Sierra Club.

Statements from Executive Committee Candidates

MARC SCOTT

seemingly unattainable – but I believe that we can make progress in this direction in spite of the many challenges we face. I am submitting my name as a candidate for the Executive Committee to offer my expertise in organizational management and outreach to the Maryland Sierra Club Chapter.

I have almost 10 years of experience in helping public, private and non-profit organizations to develop and implement effective strategic plans. I have found that organizations are most effective when they are able to maximize the engagement and contribution of all stakeholders. Therefore, I intend to be a part of aggressively reaching out to inactive Sierra Club members and non-members to draw them into outings, Sierra Club activities, and ultimately activism. Further, I will provide my insights and expertise regarding organizational management to the operation of the Maryland Chapter.

Some organizations that I have assisted include the U.S. Environmental Protection Agency, Sustainable DC, the Laconwood Trust (a Rappahannock County community development organization), and the National Association of Environmental Managers. I have been an active member of the Shepherd College Environmental

Business Administration I conducted focused study in the areas of sustainability and developing "green" organizational change initiatives.

SHERRY DIXON

The last year, I've served as the treasurer of the Maryland Chapter of the Sierra Club. For more than ten years I've been active in volunteering for outdoor activities I've been a member since 1994 and an active volunteer like trail construction and maintenance, tree planting, and guiding nature hikes. I love spending time in the wilderness and I am an avid backpacker, hiker and mountaineer. I have a deep reverence for the natural earth and its preservation is vitally important to me. Every outdoor experience I have, from daily walks with my dog, to extended backpacking trips strengthens my love of nature and my desire to preserve it.

As Maryland Chapter treasurer, I've attended Executive Committee meetings and have gained a good understanding of the workings of the Sierra Club and the responsibilities of an ExCom member. In addition, I've gained a wealth of valuable knowledge through my education and professional experience as a biostatistician working in research concerning our residential en-

I am committed to living in a world that is ecologically Club and the George Washington University Sustain- vironment and public health. Whether elected to the and socially sustainable. This goal is grandiose, even able Campus initiative. While attaining my Masters of ExCom or not, I will continue in the capacity as treasurer for the chapter.

> With my current work with the Sierra Club, and my commitment to the protection and health of the natural and residential environment, I would be a valuable addition to the Maryland Executive Committee.

BETSY JOHNSON

since 1997. The Sierra Club's conservation mission has always been of critical importance to me, and from the start I've been involved in leadership. I've focused on finding areas where my skills of diplomacy and decision-making were needed. I have not been a glamorous worker, but I have been reliable and energetic. Among my accomplishments over the years, I have:

*Served as Chair of the Montgomery County Group Executive Committee for three years and Vice Chair of the Maryland Chapter for two. My current projects include acting as a lead facilitator for the National Purpose, Local Action project intended to strengthen the Club by helping leaders of chapters and groups across the country improve their effectiveness.

(continued on page 4)

Get Ready to VOTE

Chapter ExComm

January 12

Maryland Primary

March 2

National Election
November 2

Statements from ExComm Candidates (cont.)

BETSY JOHNSON

(continued from page 3)

- * Served on the planning committee for the 2003 Jamboree, a resounding success.
- * Chaired the political program in Montgomery County, where record PAC contributions were raised for the 2002 local elections.
- * Worked on transportation and land use issues since becoming active in 1997 specifically against the Inter County Connector and for more balanced land use and more transit. As part of this effort I represented the Chapter on the regional "Challenge to Sprawl Campaign" and initiated the "Parks Not Pavement Campaign" in Montgomery County.

If elected, I promise time-tested reliability: if I say I will do something, I will do it. I am committed to the Sierra Club conservation mission and have enjoyed working with members at all levels over the years, from cochairs and committee members to volunteers during lobby days. I am a team player, and I hope to continue serving the Maryland Chapter Executive Committee and working to improve communication and collegiality among our members.

BONNIE BICK

Bonnie Bick is Political Chair for the Sierra Club Southern Maryland Group. She has been an environmental activist in Southern Maryland for eighteen years, since she moved back to Maryland, where she grew up. She is a past president of the Maryland Conservation Council and is currently president of the Chapman Forest Foundation. The issues most important to her are those related to saving forests, streams, creeks, rivers and fish. She is currently involved in trying to save the fish and eagle habitat at Eagle Cove, which is threatened by the proposed entertainment destination to be called National Harbor which, if realized, would be the largest commercial development ever in the State of Maryland. She is particularly concerned with promoting a smart growth alternative to this project, and bringing full awareness of the environmental justice implications of allowing the National Harbor project to proceed.

BOB DeGROOT

The Sierra Club has a long history of protecting wild-life, mountains, and forests. The value of these natural resources is becoming increasingly important each year as human populations expand. If elected for the ExCom, I will continue to work to protect natural resources in Maryland for the benefit of wildlife, clean water, and future generations of humanity. In the last few years, I have spent considerable time working with the Sierra Club and other organizations to protect forests and improve wildlife habitat both in Maryland and nationally.

Experts estimate thatseventy-five percent of mammals endangered around the world are threatened because of loss of their forest habitats. For birds, the estimate is 45%. For amphibians and reptiles, its between 55-65%. My work has included stopping or slowing logging in public forests in Maryland, helping to gain legislative approval for two new Wildlands in Maryland, helping to get the GreenPrint Program approved (This program was designed to acquire the best remaining ecologically sensitive lands in Maryland.), and helping to gain approval of the Legacy Open Space Plan in Montgomery County (similar to Maryland's GreenPrint Program). I have also provided support nationally for the Endangered Species Coalition, lobbying support for groups working to protect the Rocky Mountain ecosystem of North America, and support for the Roadless Area Rule (established during the Clinton Administration and designed to protect the last unlogged National forests).

I would appreciate your vote, and the opportunity to serve you on the Sierra Club ExCom.

DAN BOONE

The protection of Maryland's natural heritage is a goal that I have worked towards for more than 25 years. I have witnessed the loss and degradation of many special natural areas and wildlife habitat throughout the State, and experienced the sadness in witnessing the continued erosion of our open spaces and ecosystems to development and population growth. (continued on page 5)

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Statements from ExComm Candidates (cont.)

DAN BOONE

(continued from page 4)

As a conservation biologist concerned with biodiversity, I have been active for 20 years in saving natural areas, habitat and open space of Maryland. I joined the Sierra Club in the mid-1980s and helped other activists, such as Glen Besa, in the still on-going fight for proper management of our State Forests. I also led the successful campaign to acquire and permanently protect the Belt Woods, teaming with Larry Bohlen and Jon Robinson to push the Episcopal Church to honor the intent of its benefactor, Seton Belt, to safeguard the cherished old-growth forest from becoming a tiny island in the rising sea of development in its vicinity. More locally, I helped lead a highly successful campaign in my home town to stop a big developer from turning a Cityowned property into a pile of fill-dirt on which to build a soccer complex. This effort culminated in the City of Bowie developing and approving a management plan that established this 100-acre forested area as a Natural Park for passive recreation only.

national environmental groups, and this experience has two years as a child. Can easily converse with most internaperspectives to effectively advocate for issues and to provide advice/support for others in protecting our natural 7. Organized the Washington area Solar Homes Tour heritage. For the past year I have served as Conservation national Sierra Club. I would welcome the opportunity to represent you on the Chapter's Executive Committee 9. Excellent mental and physical health; family in the and appreciate your vote and support.

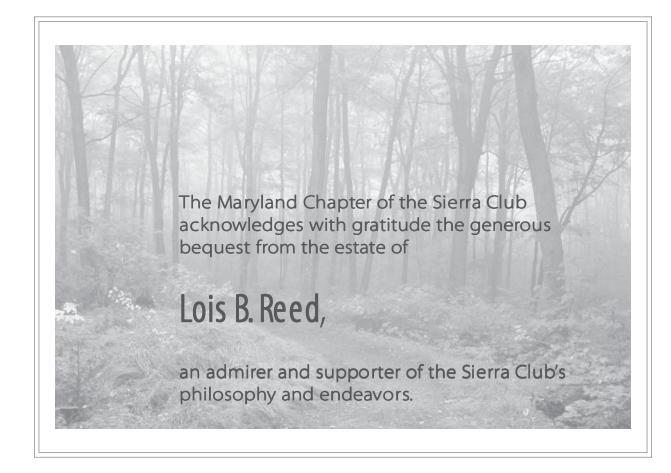
SUZANNE PARMALEE

- 1. Native of Washington DC area.
- 2. Graduated from Pratt Institute, Brooklyn, NY, Batchelor of Architecture, 1977.
- 3. Registered Architect, member of the A.I.A; currently employed full-time in Washington DC.
- 4. LEED v.2 Certified Professional, U.S. Green Building Council, Wash. D.C., 5/2002.

- I have worked for many government agencies and 5. Traveled abroad, born in Japan, lived in West Africa for provided me with the knowledge, understanding and tional people in English, French and some German.
 - 6. Board member of PRSEA for 5 years.
 - for 2 years.
- Chair for the Maryland Chapter, and also serve on the 8. Raised a son who is bright, well-balanced, talented Wildlife and Endangered Species Committee for the and productive member of society single handedly while working full-time with little support.
 - Washington DC area.

Enjoying the beauty of nature is a major part of my life, as I regularly walk on the C&O canal and am committed to preserving our environment for future generations. I have supported the Sierra Club as a Wilderness Guardian for many years. Volunteering is important for the well being of our society and I would like to offer my services to the Sierra Club Maryland Chapter.

BALLOT APPEARS ON PAGE 19.





Sprawl

Charles County

accommodate 40 percent of the state's growth within the next twenty years. Thus, predictably, developers and the Sierra Club often find themselves at odds. While builders want to build, Sierrans try to convince citizens and policymakers to leave the area's natural treasures in peace. These gems include Chapman Forest, gateway to the Greenway of Nanjemoy; Araby Magnolia Bog, a globally rare type of habitat that abuts a historic house where George Mason was married; and of course all the bays, inlets, and rivers. To the west, Charles County borders the Potomac River and is particularly attractive to developers—but, even from a business point of view, it makes sense to conserve the area's rural flavor and focus on heritage tourism. There is a win-win solution, here and elsewhere throughout the county: achieve future prosperity not by building condos and giant malls, but instead by restoring the towns that already exist, revitalizing them with small conference centers, bed-andbreakfasts, antique and craft stores, restaurants. With protected land and wildlife as the surroundings, the needs of both business and nature can be met.

But instead of thinking along rural lines, big-business interests are promoting concepts such as the Waldorf bypass. One of several proposed new highways, this would start at Route 228 (which now cuts through Prince George's County to link Charles with Route 210), swoop out to the west, and then circle back to Route 301 just above La Plata. The justification for this new construction is that since 228 was punched through to 210, traffic has increased tremendously and changed the character of an area that was recently rural.

interchanges will make it easier to access the highway; thus they support the construction. But the Sierra Club's mal in the water. Starting eons ago with a line and single position is that the very reason to build the new interchanges is in fact to support future development. Once increased traffic has been attracted due to their ease, more lanes on 210 will follow of necessity.

At the moment, though, this project's needed \$200 million is not available—yet. To help stop it and similar development plans throughout our overburdened state, please call, write, or e-mail your local officials. You can also log on to www.maryland.sierraclub.org for more on getting involved.

Fishing in Rivers and Oceans

\$200M Sought for New Development in No Oyster Catch in the Potomac Oystermen Propose Power Dredging

By Annie Rehill—Southern Maryland is projected to By Bill Bartlett—In November, I attended the regular bars, they would be rewarded with the oysters they can quarterly meeting of the Potomac River Fisheries Commission (PRFC). Among other things, these meetings give the catch results of crabs and oysters caught in the Potomac River. We were informed that

the blue crab harvest so far this year is the lowest on record. The effort to decrease the catch by 15% over three years has been in effect for two years, but did not make an improvement in the harvest. The General Secretary also had the unpleasant task of informing attendees that there had been "zero" catch of oysters in the main stem of the river so far this season. He made a staff recommendation that the oyster fishery be shut down for the rest of this season to save what is left for brood stock.

But the commercial people had different ideas. They want to open the river to power dredging. They contend that we must bring up the old oyster shell off the old oyster bars so that the silt will be off of them as they sink back to the bottom, making them available to the oyster spat if we ever get a good spat set again. At the same time they are doing a good job of cleaning up the oyster

catch. The commission has a majority of people who are either active in fisheries or lean towards the commercial side. With the dire situation that exits in the oyster fishery, no one wants to see anyone go out of business.

I have two concerns. Will they take the last re-

maining oysters, and will the "cleaning" of the shells be done at the opposite of the time of year when it is needed? Oystering is done in the cold weather, but the oysters spawn in the warm months. Will the oyster shells be left clean and ready for a spat set? There are not enough oysters in the river to really do anybody any good. The results of the power dredging will keep a few people on the water for a few days and it will be over. There are some

areas that will be left for control areas.

The oyster and crab catches have been going down hill for many years. Much of what happens on the Potomac River is probably going to be true for the Chesapeake Bay too. It is not far from the bottom, folks. We have watched it happen for all the reasons you want to name. But it is real and it is here. What the hell do we do now?

Bill Bartlett can be reached at wbartlett@olg.com.

Too Many People on the Sea

by Bill Bartlett—We humans are expert at developing technology, more and more of it all the time, ever more sophisticated. It's what we do, while in the earth and skies surrounding us, every discarded battery and plastic Many in Prince George's now believe the proposed bag brings about an equal and opposite reaction.

> Take fishing. We have overfished nearly every anihook made from bone, today we have longlines that stretch more than 30 miles, with thousands of hooks. We used small nets at first, and traps (weirs) made from tree branches. Now, with the invention of monofilament line we have created the drift net, a vertical curtain that may be 35 or more miles long and hang 50 feet below the surface of the water. It captures virtually everything not small enough to pass through the fine mesh. Because these nets are so insidious they are being phased out, but around the world their illegal use continues.

From dugouts we've grown to factory ships. We use airplanes to spot schools of fish, whicle Global Positioning System (GPS) technology tells us with near-pinpoint accuracy where we are.

We used to fish for only part of a day and then bring in our catch to sell or eat. Some small fishing villages still do, in Portugal and Belize, for instance. But in general the more technology has advanced, the longer the hours we've worked. As our boats grew we discovered that ice would let us stay out at sea for weeks at a time. Then, with the processing ships we could stay out for months.

Should it really surprise us that we're now fishing faster than the animals in the sea can sustain themselves? It is a human trait to do things bigger, better and faster. We call this progress, but it's time to retool the way we apply our skills.

Population and Personal Consumption

Personal Consumption and Self-Defeating Silence

by Edwin Stennett—The ideal of reducing personal consumption has wide appeal among environmentalists. In the face of dwindling natural resources, vanishing wildlife habitat, and impoverished people around the globe we feel concerned about our high consumption. So we buy a more fuel efficient car, keep the house less warm in winter, and eat less meat.

Every environmentalist understands the need to reduce personal consumption because the major environmental organizations have "shouted this need from the rooftops." On the other hand, only a few environmentalists understand that such reductions will fail to provide the desired environmental benefit if we do not soon stabilize the U.S. population. Few environmentalists understand the urgency of stabilizing the U.S. population because the major environmental organizations are virtually silent on this issue.

In the long run the silence will be self-defeating. This assertion is not just a matter of opinion. Rather it is the conclusion that follows from objectively assessing the benefit of reduced personal consumption in the context of a mush-rooming U.S. population. Making the assessment is not difficult; the main aspects follow in just three brief paragraphs.

In assessing the benefit of reduced per capita consumption (our average personal consumption) we must ask: Who's going to reduce consumption, and by how much? Affluent Americans consume more than low income Americans. The income and consumption of Americans are tracked by government surveys, and the data is often presented according to income quintile: the poorest 20%, the second poorest 20%, the middle 20%, the second richest 20%, and the richest 20%. The Bureau of Labor Statistics presented personal consumption expenditures for

the year 2000 in exactly this way.¹ When the per capita expenditures affecting the environment (food, shelter, utilities, apparel, transportation, etc.) are compared quintile by quintile, we find that the richest 20% outspend the poorest 20% by a 2:1 margin.

Since more affluent people consume the most, people in the poorest and second poorest quintiles are the last people we would ask to substantially reduce conconsumption of all Americans would track the reduction in average personal consumption. But our population is far from stable. The Census Bureau projects that the U.S. population will double this century.³ The consequence is startling. Even if our overall per capita consumption were to miraculously decrease 25%, a doubling of our population will cause our total consumption to increase 50%!⁴ In other words, no matter how much ef-

Continued silence will make future generations and all nature weep.

sumption. No one knows how much reduction we can get from the middle and upper income people, but for present purposes let us assume a miraculous reduction. Let us assume that people in the middle and upper income brackets will cut their per capita consumption to the level of people in the second poorest quintile. Among other things this would require the richest 20% (more than 60 million people) to cut their consumption of goods nearly in half. Obviously this would be a stunning event without parallel in human history. Yet even with this fantasy model, the reduction in average (or per capita) personal consumption expenditures would be less than 25%! ²

With a stable population the total

fort we put into encouraging people to reduce their consumption, the total consumption of the U.S. will increase with devastating environmental consequences.

If we think we have problems today protecting forests, water resources, pristine areas with potential mineral resources, etc., just imagine how much more intractable the problems will be with total consumption increased 50%,or more. As population growth drives total consumption inexorably upward, a pristine area saved today will simply be lost later this century.

And what about our demand on world resources? It is often noted that the U.S. has about 5% of the world's population, but consumes about 25% of its

resources. This inequity is clearly an environmental justice issue that we should be concerned about. Yet, regardless of the success we may have in reducing per capita consumption, the U.S. will take a larger and larger slice of the earth's resource pie. As a doubling population drives our total consumption inexorably upward, it is difficult to imagine that impoverished people around the globe will not regard us with steadily rising enmity.

Doubling the U.S. population during this century is not inevitable. We have a choice. As I show in the book, *In Growth We Trust*, U.S. population will stabilize at 400 Million –if we modestly reduce the average number of children per woman through entirely voluntary means.

Even if per capita consumption remained as high as it is today, with U.S. population stabilized at 400 million our total consumption would increase about 43% – well below the 50% consequence of a doubling population and the fantasy consumption reduction scenario! Moreover, a population stabilized at 400 million in conjunction with the fantasy consumption reduction scenario would result in a total consumption increase of only 7%⁵.

This brief analysis is only a starting point; even so its conclusion is clear: a vigorous effort to stabilize U.S. population is essential if we are to prevent consumption from shattering our hopes for the environment.

What we must do

The preceding argument has major implications. Yet, to the best of my knowledge, no major environmental organization has ever published an assessment of the efficacy of reduced personal consumption in the context of a doubling U.S. population.

(continued on page 8)

Population

Personal Consumption and **Self-Defeating Silence**

(continued from page 7)

The leaders of the major environmental organizations have turned a blind eye to the urgent need to confront the role that U.S. population growth plays in our declining environment. The vision of others is not so impaired: In his latest book, Tom Horton challenges environmental groups everywhere to join the Chesapeake Bay Foundation in putting the issue of U.S. population stabilization on the national agenda.⁶

For the sake of all our posterity, please act. Help restore the vision of the environmental movement's national leaders. Write to them. Tell them to accept Horton's challenge. Or just clip out this essay and send it. For starters you might consider Larry Fahn, President, Sierra Club, 85 Second Street, San Francisco, CA, 94105-3459.

Contacting an environmental leader or several leaders is the simplest possible grassroots action. If enough people do it, it will be a powerful act. And remember, if you do not act, won't you be part of the self-defeating silence? ■

1Table 1, "Consumer Expenditures in 2000," BLS Report 958, April 2002

2While the 25% readily follows from the BLS report, the arithmetic is too cumbersome to include in this essay. Readers interested in the details are invited to contact the author.

3Census Bureau Middle Projection of 571 Million people 4Population x Per Capita Consumption = Total Consumption. By normalizing all three terms to 1, we may calculate the future total consumption as $2 \times .75 = 1.5$. 1.5 is a 50% increase relative to 1.

5Population x Per Capita Consumption = Total Consumption. By normalizing all three terms to 1, we may calculate the future total consumption as 400/280 x .75 = 1.07. 1.07 is a 7% increase relative to 1.

6 Turning the Tide (Revised Edition), Tom Horton, Island Press, 2003, p324.

Edwin Stennett is President of Growth Education Movement, Inc., and author of the book In Growth We Trust, Sprawl, Smart Growth, and Rapid Population Growth. He may be contacted at bev-ed.stennett@worldnet.att.net. Visit www.growtheducation.org for more information about Growth Education Movement Inc.

How The Sierra Club Supports Family Planning

by Joan Seward Willey—The Sierra Club supports comprehensive domestic family planning programs that work to slow population growth and ensure a better environment for future generations through increased access to voluntary family planning, both here and abroad.

The Club's program to slow population in the For those who want more information on the Sierra Club United states includes:

- 1) Support for increased funding for Title X -"the domestic family planning program"
- 2) Support for EPICC Equity in Prescription Insurance and Contraceptive Coverage Act - to insure that insurance companies that cover prescriptions also cover contraceptives

3) Support for Comprehensive Sexuality Education to insure that teens and youth have medically accurate information about reproductive health and contraceptive decisions

program they can check out these web sites:

http://www.sierraclub.org/population/titlex.asp

http://www.sierraclub.org/population/epicc.asp

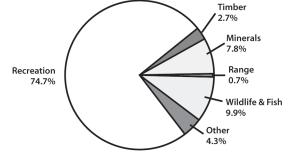
http://www.sierraclub.org/population/reports/winter03/ feature.asp

Fact:

Recreation in our national forests creates more jobs and contributes more to our economy than logging.

Proof:

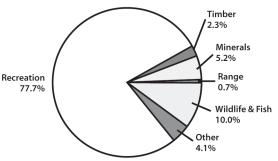
Contribution to Gross Domestic Product Total Value \$145 billion (1999 dollars). Excludes carbon sequestration, clean water and other services provided by National Forests.



Source: U.S. Department of Agriculture (1999).

Contribution to Jobs

3.3 million jobs derived from the National Forests. Excludes carbon sequestration, clean water and other services provided by National Forests.



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Energy and Climate Change

Stop Global Warming & Improve Your Health

by Charlie Garlow — As reviewed by Jane Brody in her Personal Health column in the November 4, 2003 NY Times, this new book, You Can Prevent Global Warming (And Save Money), by Dr. Jeffrey Langholz and Kelly Turner, could be a real hit as a holiday gift for your ecofriends.

Turner is an environmental writer and Landholz works at the Monterrey Institute of International Studies in California. Andrews McMeel is the publisher; the price is \$10.95.

The book offers hundreds of tips in 51 categories to cut down on greenhouse gases which contribute to global warming, while you save money [and improve your health]. Health effects come from using human-powered as opposed to carbon-fueled means of accomplishing tasks, from commuting to work to tending your garden. You may know a lot of this already, but a reminder can help jog your memory or move these items up on your "to do" list.

Tips for a Healthy New Year, for You and the Earth

Commute Green

Bike, walk or jog to the bus or subway to get to work or shopping. Use the new bike racks on the buses. We worked hard to get Metro to install those bike racks on the buses, so you can take your bike with you on the front of the bus. So, let's use them.

Garden Clean

Use a rake rather than a leaf blower, and please, not the smelly, noisy, gas-powered leaf blowers. They are worse for air pollution than the electric blowers. I think the rake is faster and it also adds a healthy glow to your cheeks. Electric mowers and clippers are cleaner than gasoline ones, but the manual version is a better cardio-vascular workout. I can see those rippling "abs" now!!

Save Home Energy

Insulate the attic better, the crawl space, and the walls. Install better windows to cut back on heat loss and drafts. Caulk and weatherstrip to get those air leaks tightened up. It makes your home feel a lot cozier. Buy and use energy efficient compact fluorescent light bulbs in every socket. (They make them smaller now, so they fit in lamps with lamp shades, and the prices have come way down.)

Put Applicances on a Diet

Buy energy efficient major appliances, which save you money and produce less waste heat, which you then don't have to cool down in the summer with your air conditioner. Do you have a spare refrigerator in the basement? To the dump with it, and save \$150/ year on your electric bill. Don't over chill your refrigerator. 37 to 40 degrees F in the fridge and 0 to 5 degrees F in the freezer is all you need. If we all increased the temperature in our refrigerators by one degree F, it would keep 3 million tons of CO₂ out of the atmosphere. The same is true, in reverse, for air conditioners.

Plant Trees at Home

Their shade reduces your air conditioning bill while the trees absorb CO₂ to make into leaves and branches.

These and other techniques make a good read, and a great gift. ■

Charlie Garlow, Air and Energy Committee, 301-593-9823



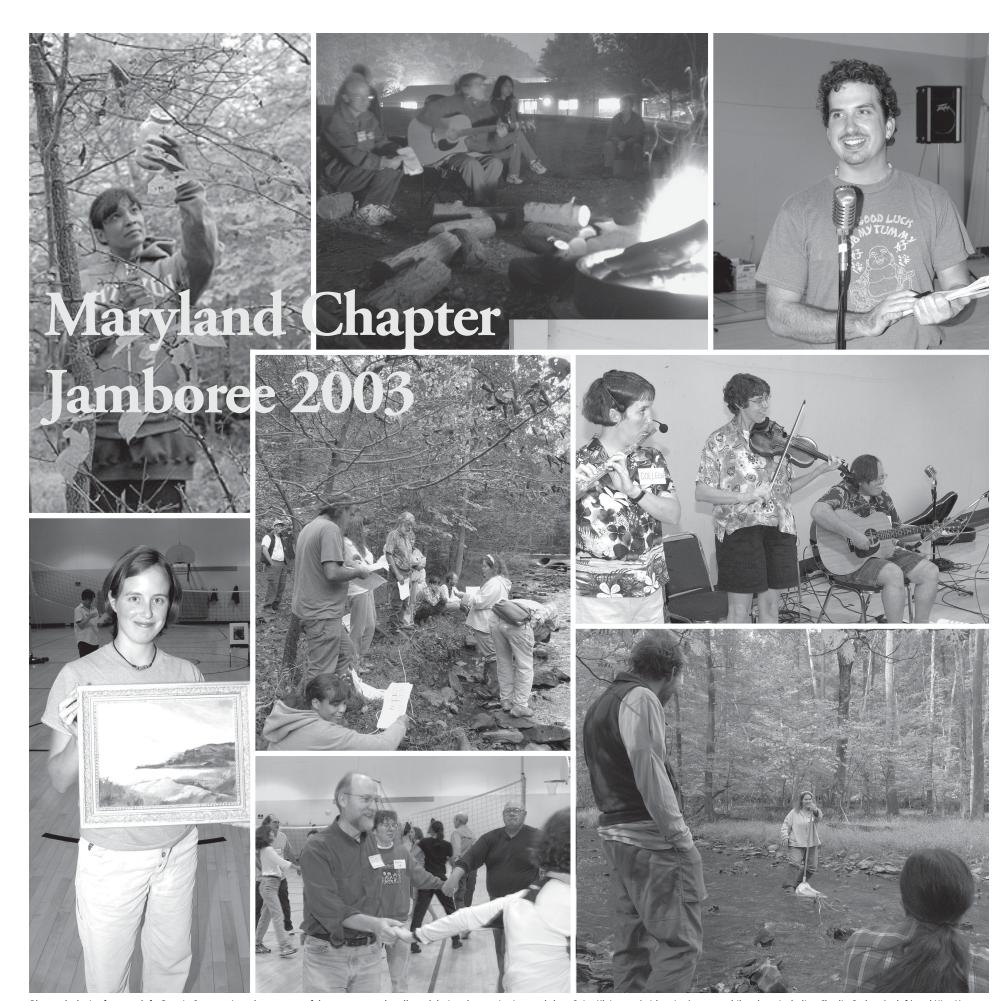
Whaddya Mean, Dump My Old Fridge?

Here at the Chesapeake, we admit to having been skeptical about one bit of advice that Charlie gleaned from the book he is recommending in his adjacent article. Dump a working refrigerator? Sounded nuts to us. So we consulted with Bill Walsh, one of our local conservation experts, and he assured us that the advice is sound. Here's what he said:

Fridges. Ironically, for lifestyle impact reasons, legally junking very old fridges may make a lot of sense. The new ones use less energy and no freon in the coolant or insulation.

You can't just dump a fridge. You are typically charged about \$35 by anyone (your city public works department, an appliance store, or the dump) to get rid of the fridge. That is supposed to cover the cost of recapturing the freon without releasing it to the atmosphere. This is better than waiting until the compressor bursts and shoots out all the freon, in which case they are going to charge you the \$35 removal fee anyway. The metal will all be recycled, probably into new sheet metal for new appliances. That will use less energy than making new sheet metal. Even a non-super efficient fridge will be much more efficient than a similarly-sized old model. In terms of environmental justice, passing on more expensive-to-use and more polluting fridges isn't all that cool.

Computers, incidentally, are a different story. It is perfectly acceptable to dump them, even though they actually pollute the dump site a helluvalot more than an old fridge, given the lead, mercury, platinum, gold, PVC, etc., that they contain. That's why voluntary — though rare — collections of the electronics are a good opportunity to reduce landfill pollution.



Photos clockwise from top left: Reggie Cox examines the contents of the stream sample collected during the monitoring workshop. Spice Kleinman (with guitar) croons while others, including Charlie Garlow (at left) and Nina Yung (far right), stare contentedly into the roaring fire. Marc Scott leads the call to cash in on items donated by Maryland chapter members for the "live" auction. Contra dance musicians Colleen Reed, Kathy Kerr and Keith Gillis (left to right) got Jamboree participants tappin' their toes—and more—at the Saturday night celebration. Workshop leader Marcia Watters wades to the middle of the stream to demonstrate how to use the net and collect a stream sample. Ed Merrifield (in foreground) and others join hands for a contra dance. Becky Halpin smiles for the camera as she shows off one of the paintings donated for the auction. (Center photo) Marcia Watters (far right with back to stream) leads a workshop on stream monitoring as attendees gather around and listen attentively. Photos courtesy Jon Robinson. For more on the Jamboree, see Letters on page 18.

Adventures of a Nighttime Naturalist

The stars are the jewels of the night, and perchance surpass anything which day has to show. — Henry David Thoreau



by Lisa Mayo — Many nature lovers are admittedly daytime naturalists, accustomed to observing nature in a sunlit world. Once the sun sets, they retreat to their homes, confident that nature has little to show them in the dark recesses of the night. However, even in the light-polluted skies over Maryland, nature provides a wondrous nighttime spectacle that often equals the beauty of the day.

On a clear winter evening, Marylanders can venture outside and easily spot numerous naked-eye attractions in the heavens, such as the constellation Orion, rising in the east after dark. In Greek legend, Orion was known as the Great Hunter, and it is not difficult to find his strong, tall figure suspended over the horizon. The most noticeable feature in the Orion constellation is the string of three pearl-like stars that form his belt. And looking just below this belt, a stargazer with a telescope can also find the constellation's largest feature - the Great Orion Nebula - buried in the midst of his sword. The Great Orion Nebula is actually a very large star nursery, and through a backyard telescope it shines like a green misty cloud despite its remarkable distance of over 1500 light-years (about 8800 trillion miles).

Greek legend tells us that Orion was placed in the sky after meeting with a tragic end; he was killed by Scorpius, the scorpion, who was banished to the opposite side of the sky by the gods. Out of sympathy for Orion, the gods allowed his hunting companions to join him in the heavens; consequently, Orion is surrounded by his dogs, represented by the constellations Canis Minor and Canis Major (which boasts the brightest star in the night sky - Sirius), as well as several animals that Orion loved to hunt, repre-

sented by the constellations Lepus, the rabbit, and Taurus, the bull.

Just north of Orion, in the constellation Taurus, Marylanders can see the Pleiades or Seven Sisters, which is perhaps the best known open star cluster in the sky. Some observers describe the Pleiades as a smaller version of the Little Dipper, as it shines like a diamond cup against the blue-velvet backdrop of the night. The beauty of the Pleiades on a clear evening is a remarkable sight and once led poet Alfred Lord Tennyson to describe the cluster as glittering "like a swarm of fireflies tangled in a silver braid."

According to Greek legend, the Seven Sisters were actually the daughters of Atlas, and stories tell of Orion's intense pursuit of the sisters and how his unwanted advances forced Zeus to save the young women by turning them into doves. As doves, the sisters flew into the heavens, where Orion would eventually join them and chase them in vain for all of eternity. For nighttime naturalists, only six stars in the Pleiades are actually visible with the naked eye (the Greeks had stories describing a hidden seventh sister); however, thanks to the advances of modern astronomy, we now know that there are actually about four hundred stars populating the Pleiades cluster.

While it is well known that the Greeks had many legends relating to the constellations, it is not as commonly known that they also had legends about the human eye's method for bringing such celestial wonders into view. The ancient Greeks believed that the human eye first sent out a beam of light, and then the beam returned bearing gifts. For those who are nighttime naturalists, this explanation seems fitting because the human

(continued on page 12)

Stargazing



(continued from page 11)

eye requires approximately thirty minutes to become completely accustomed to the dark; so with each passing moment our eyes collect more light, and the gifts become more numerous and ever more lustrous. The fact that nighttime observation requires this type of patience seemed reasonable to naturalist John Burroughs, who once observed, "To have it ever present with one in all its naked grandeur would perhaps be more than we could bear."

Of course, there are many rewards for those who wait patiently to see the wonders of the night sky. One of the most important benefits of nighttime observation is the joy of discovery. Although many of us have enjoyed the awe-inspiring images from the Hubble Space Telescope and the Chandra X-ray Observatory, nothing can equal the moment when we first see the celestial sights with our own eyes. Pointing our binoculars toward Jupiter on a crystal clear night and seeing the little white moons of Europa, Ganymede, Io, and Callisto orbiting their

mother planet is an experience none of us will ever forget, because for that brief moment in time we are transported back to 17th century Italy where Galileo first spotted the four largest Jovian moons from planet Earth, and we experience the same thrill that Galileo felt on that solitary night so long ago.

However, the greatest joy in being a nighttime naturalist probably comes from studying the one part of nature that is beyond human influence. Most stargazers experience a certain sense of peace that comes from standing on a small hill with binoculars in hand, feeling the cool night air, and knowing that almost all the nighttime marvels are beyond the reach of humankind. It is unlikely that we will ever pollute the Great Orion Nebula or mine the Pleiades star cluster. Rather, these wonders will remain as they are - pure, untainted miracles of the night. And with this knowledge in hand we feel more settled, more secure, and very humble in the face of such everlasting beauty.

Call of the Wild

Crickets: In the House

by Annie Rehill — They make music with their wings. They are beautiful, blue-black and agile. They make unbelievable leaps quicker than you can close a hand around them.

But.

I, along with various insect-sensitive friends, prefer that they live outside, among the trees and bushes, amid the grasses.

In late summer/early fall they often seem to prefer, like many other critters, the warmth of human habitations. The year before last they came in droves, swarms, the year of the crickets. We did not poison them; rather, we caught the

creatures individually and carried them outside so that they could have at least a fair shot at survival. We slunk along the floor and shot out a hand, now and then managing to palm a bug. We held glasses over them and slid

envelopes underneath, even herded them to the door, our hands transformed into sheepdogs. These combined methods were surprisingly effective.

Last year they were fewer, and this year they have decreased even further in number. They also seem weaker, less vigorous, and more beetles waddle into our houses than we've noticed in the past.

We worried. Is it our toxic subur-

ban environment, perhaps pesticide on a neighbor's lawn or someone else's Terminix treatment? What is hurting the crickets?

All we asked was that they move outdoors. We had no plans for an insect massacre, appreciating as we do their complex ecological interactions, the planet's need for their presence.

We sought the advice of entomologist Brian Rehill, a convenient move since I am married to him. Turns out the decreasing miniature musicians' phenomenon could be part of a cycle that is unrelated, for a welcome change, to humangenerated venom. The beetles, their natu-

ral predators, may be "regulating" the crickets' population, after which their own numbers will also decrease when they start to run out of food. "These sorts of population cycles occur all the time," Brian clarified,

"and understanding what does—and doesn't—cause them inspires a lot of research." Disease is another possible explanation.

So now we chase more beetles and fewer crickets. At least beetles are easier to catch. Having a cat also helps, though it won't show the same degree of sensitivity in dealing with the problem.

The Maryland Chapter of the Sierra Club thanks eight-year-old Alexander Winch for his recent gift to the Baltimore Group.

Alexander donated half of his birthday gift money because he likes nature and birds and wants to support an organization that is fighting the Bush Administration's disastrous environmental policies.

Natural Selection: Books & Writers

Small Wonder, Big Hopes

By Janis K. Oppelt — "Some years back when [Barbara] Kingsolver was participating in a demonstration against the Persian Gulf War, a young man in a pickup drove by and yelled, 'It's your country bitch, love it or leave it!' Recalling this incident during a television interview, she reconsiders the comment.

'Love it or leave it is a coward's slogan. A more honorable slogan would be 'Love it and stay' 'Love it and get it right.' 'Love it and never shut up'.

Loving her country—along with her family, her world, and the animal and plant life that inhabit the globe—and not shutting up about it is what this collection of ...essays is all about,"

The essay collection mentioned in the review above is Small Wonder by Barbara Kingsolver. Although Kingsolver has published other nonfiction books, she's better known as a novelist. Her best-selland great writing. The fact that the author is such an observant, thoughtful person who happens to be an ardent environmentalist doesn't hurt. It's easy to personally relate to at least one or two of her stories, whether it's because you've had a similar experience or share a compatible viewpoint.

One of my favorite stories is "Seeing Scarlet," which Kingsolver co-wrote with her husband Steven Hopp. This is a special story to me because my husband Russ and I too saw scarlet—scarlet macaws, that is—in the rain forest of Costa Rica. Unlike Kingsolver, I have always had a hard time finding the words to describe the majesty of these birds flying free, squawking their beautiful heads off and cavorting in their own special part of the ecosystem.

In "Seeing Scarlet," Kingsolver ex plains that she and Hopp are biologists the beach and behind thick, rich green leaves and limbs.

"It's hard to believe that anything so large and red could hide so well in foliage, backlit by the tropical sky, but these birds did," said the authors. "Suddenly a pair launched like rockets in the air. With powerful, rapid wing-beats and tail feathers splayed like fingers they swooped into a neighborhood tree and disappeared again uncannily against the branches. We

Like this duo of biologists, we also waited and watched, staying as the tide changed and the sun began to set. What seemed to be a changing cast of scarlet macaws perched and hopped from limb to limb, foraging for food and, as Kingsolver and Hopp put it, spoke among themselves.

What held us there was the show of pure, defiant survival: this audacious travelogue, part science lesson and part philosophical dialogue. The word that came to my mind over and over as I read the book was "holistic." Kingsolver rather effortlessly weaves in and out of spiritual, physical and intellectual realities, leaving few stones unturned as she follows her own stream of consciousness.

In "Lily's Chickens," for example, she shares a story about her daughter Lily's first love, Mr. Doodle, a bantam rooster. In the words of Kingsolver, Mr. Doodle "would have caused any respectable chicken-show judge to keel over..." But in Lily's eyes, he was the standard of perfection.

She starts with a sweet, funny story about watching her daughter's developing friendship with Mr. Doodle, and observing as he and his five "girlfriends" become family pets. From there, she brings us to the topics of fresh eggs, organic gardening, the "salacious appetites" of

Picture a scarlet macaw: a fierce, full meter of royal red feathers head to tail, a soldier's rainbowcolored epaulets, a skeptic's eye staring out from a naked white face, a beak that takes no prisoners.

ing fiction titles include The Bean Trees who have increasingly turned their atten-(1988), Animal Dreams (1990), Pigs in Heaven (1993), The Poisonwood Bible (1998) and Prodigal Summer (2000). No matter what form her writing takes, though, she's a topnotch storyteller who often puts to good use her Masters of Science in biology and ecology.

Although the book does include stories about the environment, and the issues that affect it, it is not strictly "for environmentalists." As Jonna Higgins-Freese pointed out in an article in Grist Magazine, "...because of Kingsolver's fame and her ability to talk about complex issues in a compelling way, Small Wonder may be more successful at communicating an environmental message to a lay audience than any other book published in recent years."

The book is worth a read for no other reason than it's full of good stories tions toward the preservation of biodiversity. They wanted to see scarlet, not behind bars in a pet shop or a zoo, but in its natural environment. And see scarlet we all did, as they describe below.

"Picture a scarlet macaw: a fierce, full meter of royal red feathers head to tail, a soldier's rainbow-colored epaulets, a skeptic's eye staring out from a naked white face, a beak that takes no prisoners."

I also related to the "passion that kept pushing" the authors through Costa Rica "on roads unfit for tourism or good sense." As they said, "We would have called it, maybe, macaw expiation. Some sort of penance for a lifetime of seeing this magnificent animal robbed of its grace. We wanted to get to know this bird on its own terms."

As it turns out, Scarlet's "own terms" often meant hiding high up in trees along thing with feathers, this hope," they said.

If there's one consistent theme that runs through Small Wonder, it is, in fact, hope. Kingsolver is painfully aware of the present and future threats to the environment. She speaks for many when she wonders whether nature will be able to survive. As she describes in Small Wonder, her answer at least appears to be "yes."

"This is a collection of essays about who we seem to be, what remains for us to live for, and what I believe we could make of ourselves."

Through a merging of personal opinion and political viewpoint, she intertwines success stories about nature and humanity with disappointing realities. She pulls no punches about who and what are responsible for the disappointments and what might be done to right them.

In addition to being full of thoughtful, poignant stories, Small Wonder is part

America, the need for more responsible eating, and the basics of agriculture.

But it was not the environment per se that prompted Kingsolver to write this book, which she began on September 12, 2001. A newspaper editor asked her to write a response to the previous day's terrorist attacks. She wrote a response, then another and another until she had written and published five essays about the topic and then just kept on going to write other stories about topics that she cared

As she writes in the foreword, "Compiling this book quickly in the strange, awful time that dawned on us last September became for me a way of surviving that time, and in the process I reopened in my own veins the intimate connection between the will to survive and the need to feel useful to something or someone beyond myself."

Early Winter 2003 Chesapeake 13

December

Sierra Club Outings are open to everyone, and normally go, "rain or shine." Reservations are not required, unless noted in the announcement.

Each Outing is intended to be a wholesome, safe, and enjoyable experience in the out of doors. For that to happen, each participant must have the clothing, equipment, and stamina suitable to the event. Inexperienced/new participants are encouraged to first join trips that are rated "easy" or "moderate", to evaluate their own individual suitability for more difficult adventures.

If you have questions about the terrain, the duration of the trip, or about recommended clothing or equipment, please contact the Outing Leader.

Each outing participant should carry an adequate supply of food (lunch, snacks or more), a personal first aid kit, any personal medications that may be needed during the event, and at least one quart of water for every two hours that he or she expects to participate in the event. On hot days or on more strenuous outings, more water is likely to be needed.

Unless noted in the announcement, Club Outings are intended for adults. Before bringing a minor to an outing that is not specifically designated for children, please consult the leader to determine if it is appropriate.

Minors (under 18 years of age) must be accompanied by a parent or a legal guardian, or they must have both 1) a signed permission slip, and 2) the leader's prior consent, to participate in the Club Outing.

All outdoor adventure activities carry some risk. Participants should be aware that Club Outings are often to places where Professional Emergency Medical Aid may be two or more hours away. All participants should consider the implications of this fact. People with health concerns should consult their doctor to determine the advisability of participating in these activities.

Sierra Club Outings normally begin and end at the trailhead, canoe put-in/take-out point, or some other similar starting/ending point. Travel from the advertised meeting place to the starting point and back, is the sole responsibility of each participant. While the Club encourages car-pooling, such arrangements are strictly between the riders and the drivers, and are not a part of the outing. Participants must assume full responsibility and liability for all risks associated with such travel.

All participants on Sierra Club Outings are required to sign a standard Liability Waiver. If you would like to read the Waiver before you choose to participate on an outing, it is available on the Sierra Club Website, at

http://www.sierraclub.org/outings/chapter/forms/index.asp .

The following Outings are planned and managed by volunteers from the Chapter's Local Groups, and the Metropolitan Washington Regional Outings Program (MWROP). Each organization is identified in the announcement by the following abbreviation:

AA = Anne Arundel Co. Grp.

CA = Catoctin Group

ES = Eastern Shore Group

GB = Greater Balto. Group

HC = Howard Co. Group

MC = Montgomery Co. Grp.

MW = M.W.R.O. Program

PG = Pr. George's Co. Grp.

SM = Southern Md. Group

WM = Western Md. Group

Sierra Club Outings are free of charge, unless specified in the announcement. However, the Club may ask for a donation to help defray the expenses associated with the Outings Program.

Take only pictures, leave only footprints, and have fun out there. ■

John Railey – Outings Coordinator – 410-752-0104 – jrailey7007@aol.com

MWROP'S HIKE RATING SYSTEM

One point is assigned to each mile & each 400 feet in elevation change (up and down) - the higher the points, the more difficult a hike. For example, a 5 mile hike with 1,200 feet of elevation change (400 feet up plus 800 ft. down), is given a total of 8 points and rated "B"; an 8 mile hike with an elevation change of 3,600 feet is assigned a total of 17 points and rated "E".

HIKE RATINGS

<u>Rating</u>	<u>Points</u>	<u>Rating</u>	<u>Points</u>
A (Easy)	7 or less	E (Moderate)	17 - 19
B (Easy)	8 - 10	F (Hard)	20 - 22
C (Moderate)	11 - 13	G (Hard)	23 - 25
D (Moderate)	14 - 16	H (Hard)	more than

December

Sat. 20

Gambrill State Park. HC. Moderate 8 mile hike on wooded trails, with several scenic overlooks. Bring lunch and water. Meet at the Bagel Bin off Rt. 40 in the Enchanted Forest Shopping Center, for a 9:00 departure. Call Tim Ryan before 9:30 PM, 410-248-2974, timothy_ryan@urscorp.com.

Blockhouse Point Conservation Park in Potomac. MW. 9am-noon. Rated A (Easy). Take a leisurely stroll through one of Montgomery County's wildest forested parks and learn about some of the threats to local parks. We will walk about 3 miles and view the Potomac River from a spectacular overlook. Call Ron LaCoss, 301-946-1106 before 9pm.

Washington, DC from River to River. MW. Rated C. Get-to-Know-DC Series. Moderately paced, flat, and historically rich circuit hike of about 12 miles (but shortenable) from the Potomac to the Anacostia by way of the National Mall, Capitol Hill, Lincoln Park, Congressional Cemetery, Eastern Market, and 26 other intriguing sites. Leashed dogs, cats welcome. Meet at 8:30am at Mall entrance to Smithsonian Metro station (north of Jefferson Dr. near 12th St. NW). Joint event with AMC/DC. Leaders: Paul Elliott 703/256-6351 and Gary Kosciusko 703/708-7159.

25

Day hike in Central SNP to Corbin Cabin. MW. Rated F. Moderate to fast paced hike of 12.0 miles with 2250' of elevation gain. Very scenic hike with some nice scenery and a great climb. Leader: Ted Fryberger, 410-312-2982, till 9:30 PM, tkfryberger@comcast.net, meet at Oakton at 8:00 AM, beginners must call for requirements. Snow will change this to a XC ski event on different trails.

Outings and Events (December/January)

Sun. 21

"Just Recite It" Poetry Hike. MW. Rated D/E. An 8-10 mile hike at a moderate pace somewhere nice. METRO ACCESSIBLE. Limited to 20 people. Leader: David Cheng (301) 980-6112 or dmcheng@yahoo.com.

Tue. 23

Piney Branch. MW. Rated H. Enjoy climbing Piney Branch to Link Trail, loop around on Sugarloaf Trail and AT, then return on the Piney Ridge Trail. About 14 mi., 3,000 ft climb. Leader: Chris Nolen 301/469-8931 or chrishiker@erols.com.

Fri. 26

Great Falls, VA. HC. Moderate six mile hike on the cliffs overlooking the Potomac River, then along the Difficult Run rapids. Bring lunch and water. Depart at 9:00 from the west side of the park & ride on Broken Land Parkway at Rt. 32. Call James Perschy, 410-964-1902, jmatp@starpower.net.

Sat. 27

Mason-Dixon Trail, PA. HC. Moderate 7 mile hike with a car shuttle. Features overlooks, streams, cascades, hemlocks, bamboo, rhododendron, and perhaps bald eagles. Bring lunch and water. Depart at 8:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

Tue. 30

Stoney Man to Hawksbill. MW. Rated G. About 12 miles and 2,800 ft., with views from the two highest peaks in the Shenandoah. Hike south on the AT from Little Stoney Man to Hawksbill, return via upper Whiteoak Canyon and Passamaquoddy trails. Leader: Chris Nolen 301/469-8931 or chrishiker@erols.com.

January **2004**

Thur, 1

New Years Afternoon Hike. GB.
Moderate. Approximately 5 easy
paced miles in Oregon Ridge Park,
with 2 or 3 short steep hills. This will
be a relaxing afternoon walk through
history as we talk about the parks
industrial past, and how the modern
environment is impacting this area. Be
prepared for ice/snow on the trails.
Meet in the nature center parking lot
at 1:00 PM. John, 410-752-0104.

30th Annual New Year's Day Hike on C & O Towpath. MW. Rated B. Start 2004 right with a 10-mile walk along the Towpath. Meet 9:30am on Wisconsin Ave. at the Canal, south of M Street in Georgetown. Walk to Little Falls Pump Station and return to Georgetown. Leaders: Walter Wells, 202/362-0250, mornings or evenings before 10pm, Carol Ivory 703/476-8730 before 10pm and Marcia Wolf (301) 565-3165.

Sat. 3

Gunpowder Falls, MD. HC. Moderate 8.5 mile circuit hike utilizing the Mingo Branch, Gunpowder South and Highland and Bunker Hill trails. Bring lunch and water. Depart at 9:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

Sun. 4

Loch Raven Reservoir Area Hike. GB. Moderate to Fast. Approximately 8 miles/3 hours, moderate to hilly, good pace, optional dinner afterwards in the Timonium area. Bring snack and water. Meet at Seminary Avenue & Dulaney Valley Road at church parking lot at 1:00. Bob (410)337-8736 home or (410)247-9520 work.

Wed. 7

Outings Committee Meeting. GB. Come plan new outings and meet other outings leaders. New and prospective outings leaders welcome. 6:30 PM. Ron: 443-854-6665.

Sat. 10

Gunpowder Falls, Panther Branch. HC. Moderate 8 mile hike past old mill ruins, along the banks of the river and on the Panther Branch Trail. Lunch at Raven Rocks. Bring lunch and water. Depart at 9:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

Sun. 11

Patapsco Valley State Park, Hilton area. Moderate 7 mile hike. Bring lunch and water. Meet at 10:30 inside the park, off Hilton Avenue, at the parking lot just inside the park entrance on the right. Call James Perschy, 410-964-1902, jmatp@starpower.net.

Fri.-Mon. 16-19

Cross Country Skiing in Western Maryland. GB. Moderate. Cross Country skiing at New Germany State Park. Beginners welcome. For details call Jack at 410-256-3963. Cross Country Ski Trip. AA. New Germany State Park. Rain Willoughby: rwilloug@inw.oriolepark.com. Sat. 17

Rock Creek Park in D.C. HC. Moderate 8 mile hike through woods by the creek, maybe a quick visit to the zoo. Bring lunch and water. Depart at 9:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Call Tim Ryan before 9:30 PM, 410-248-2974, timothy_ryan@urscorp.com.

White Oak Canyon, Shenandoah NP. HC. Strenuous 9 mile hike, featuring several ice-covered waterfalls in a hemlock gorge. Bring lunch, water, and good hiking shoes. Depart at 7:30 from the west side of the park & ride on Broken Land Parkway at Rt. 32. Sign up in advance, Ken Clark, 301-725-3306, kenclark/@comcast.net.

Sun. 25

Local Cross Country Skiing. GB. Moderate. If there is not enough snow a hike in Loch Raven will be held. Meet at Loch Raven High School, Cromwell Bridge Road and Cowpens Avenue at 11:00 AM. Call Jack at 410-256-3963.

Sat. 24

Conestoga Trail, PA. HC. Moderate 8 mile shuttle hike along beautiful Tucquan Creek and Kelly's Run, and along the ridges on the east side of Lake Aldred on the Susquehanna River, with lunch at Pinnacle Overlook. Watch for bald eagles. Bring lunch and water. Depart at 8:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.



Outings and Events (February, March, April)

February



Anytime there is enough snow

Cross Country Sking. GB. Local sking or possible trip to Western Maryland. Call Jack at 410-256-3963

Sat. 7

Loch Raven Hike. GB. Moderate. A 4 to 6 mile hike. Moderately hilly country adjoining Loch Raven. Will see and learn about artesian springs. Meet at noon at Willow Grove Farm off of Cromwell Bridge Road 1.5 miles NE of Loch Raven Boulevard. Call Ron at 443-854-6665 before the hike.

Overall Run, Shenandoah NP. HC. Strenuous 9 mile hike featuring the tallest Waterfall in SNP. Possible scouting trip, call to register. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

Sun. 8

Gorman Area Park. HC. Moderate 5 mile hike through woods along the Middle Patuxent River. Meet at 1:00 at the park, where Kindler Road deadends (near the junction of Gorman and Johns Hopkins Roads). Call Ken Clark, 301-725-3306, kenclark 7@comcast.net.

Fri.-Mon. 13-16 SKI-DANCE WEEKEND — cosponsored by MWROP, PATC/STS, and the Folklore Society of Greater Washington — in the Laurel Highlands

of PA. Cross-country skiing (downhill skiing available near by), sledding, contra dancing, music, and lots of fun outdoors and indoors in a beautiful rustic setting. Camp Harmony has 100+ acres for crosscountry skiing, with several different habitats: large open fields, mature forest areas, wetlands, small seasonal creeks and more. Live music provided by Dave Wiesler (Piano & Guitar), Laura Light (Fiddle), George Paul (Piano, Drums, Fiddle). Contra dances called by Ron Buchanan & Bob Mathis. For more information call Bob at 301/589-7539 and see www.skidance.com for registration

Sat. 14

Catoctin Mountain Park, Wolf and Chimney Rocks. HC. Moderate 9 mile hike, to the falls and rock outcrops. Bring lunch and water. Meet at the Bagel Bin off Rt. 40 in the Enchanted Forest Shopping Center, for a 9:00 departure. Call James Perschy, 410-964-1902, jmatp@starpower.net.

Sun. 15

Cedarville Forest Hike. GB. Moderate. Easy paced, 8 mile circuit through this Southern Maryland forest with 1 or 2 short steep hills. Be prepared for ice/snow. As we walk, we will talk about wildlife conservation, hunting, greenways, and related subjects, as they apply to Maryland's forests. There is a nominal forest entrance fee. Depart Southwest Park & Ride, off Rolling Road, near UMBC, at 9:30 a.m. John, 410-752-0104.

Patapsco Valley State Park. HC. Moderate 8 mile hike in the Glen Artney/Orange Grove areas of the park, on the Soapstone, Valley View and Vineland Spring Trails. Bring lunch and water. Hike starts at 10:00 from the Southwest Park & Ride, at the corner of MD 166 and Rolling Road. Call Tim Ryan before 9:30 PM, 410-248-2974, timothy_ryan@urscorp.com.

Sat. 21

Pond Run, Great North Mountain, VA-WV. HC. Strenuous 11 mile circuit hike in George Washington National Forest. Several small stream crossings, 1600 ft change in elevation - 1400 ft in the first 2.5 miles, beautiful streams. Bring lunch and water. Depart at 8:00 from the west lot of the park & ride on Broken Land Parkway at Rt. 32. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

Sat. 28.

Jerusalem Mill. GB. Easy.
Approximately 4 miles along Little
Gunpowder Falls. Easy-paced; good
hike for beginners, but may be muddy.
Bring water and lunch. Meet at
Jerusalem Mill parking lot on
Jerusalem Road at 10:00 a.m. For
details, call Betsy at 410-569-5202.

Half Moon Lookout, Great North Mountain, WV. HC. Moderate 9 mile circuit hike to an outstanding view of Trout Run Valley. Possible scouting trip, call to register. Contact Mike Juskelis, 410-439-4964, mjuskelis@cablespeed.com.

March

Sat. 6

Northern Central Railroad Trail Bike trip. GB. Moderate. Approximately 30 miles round trip from Paper Mill Road to New Freedom PA. Bring lunch and water. Meet at parking lot on Paper Mill Road, 1 mile east of York Road, at 9:00 a.m. Call Ron at 443-854-6665

Sun. 7

Woodcock Walk. HC. A short walk starting around dusk, to witness the sky dance of woodcock in the Middle Patuxent Environmental Area in Columbia. Bring a flashlight. Date may change, limited space available, call Sue Muller for reservations, 301-498-8462, sonicsue@boo.net.

Sun. 28

Gunpowder River Hike. GB. Moderate. Moderate 7 to 8 miles below Prettyboy Dam. Expect some hills and a rocky area. Meet at Mt. Carmel P&R at noon. Call Jack at 410-256-3963.

April

Susquehanna River Clean Up. GB. Date not known at this time. Jack 410-256-3963

Sat. 10.

Harford Glen. GB. Moderate.
Approximately 8 miles around
Atkinson Reservoir. Slow-paced
enough to look at wildflowers and
spring migrants. Bring binoculars if you
like, also water and lunch. Expect mud.
Meet at Harford Glen (first lot on right,
by pond) at the west end of Wheel
Road at 10:00 a.m. For details, call Betsy
at 410-569-5202.

Sun. 18

Kelly Run and Pinnacle Hike. GB. Moderate. 7 to 8 miles with a good view of the river. Good chance of seeing bald eagles. Will talk about the eagles decline and recovery into this area. Meet at K-Mart on Belair Road at 10:00 a.m. Jack, 410-256-3963

Outings and Events (BICO & DICO)

Sierrans in the City

Baltimore Inner City Outings is one of 47 members of the Sierra Club's ICO program, the mission of which is to

- promote and develop greater understanding of other cultures, foster respect of self and others, and provide leadership skills, and
- protect and appreciate all wilderness through outdoor exploration, education, sharing and spiritual growth.

Since BICO's start-up in January 1999, our volunteer leaders have conducted monthly outings for each of our four partnerships:

- 1. UMBC Shriver Center's Choice Program (Choice) for at-risk youngsters
- 2. Digital Harbor High School (DHHS), a new south Baltimore public school
- 3. Learning, Inc. (LI), an alternative school in the Hampden section of Baltimore
- 4. College Gardens Community Center (CGCC) in southwest Baltimore

The outings have included camping trips, caving, canoeing and estuary education; initiative and confidence coursework; city tree plantings and other service activities; nature hikes and orienteering. These outings are cost-free to BICO's youngsters and volunteers. Our current outings schedule and other information is posted on the BICO website (www.sierraclub.org/ico/baltimore)].

Sierra Club members with an interest in sharing their love of the outdoors with Baltimore City youngsters are encouraged to join for an exploratory outing. Please get in touch via bobburchard3@netzero.com or (410) 744-0510.

Baltimore Inner City Outings

January

Sat 10

Service for Rec & Parks (tentative) + ice skating with UMBC Shriver Center's Choice program.

Sat. - Sun. 17-18

Western MD overnight & cross country skiing with Digital Harbor High School.

Sat 31

Hike in Gettysburg National Military Park and snowtubing at Boulder Ridge. Learning, Inc.

February

Fri.-Sun. 20-22

Appalachian Trail Blackburn Cabin camping with Digital Harbor High School.

Sat 21

UMBC Shriver Center's Choice program - Botanical Gardens, D.C.

March

Sat 20

UMBC Shriver Center's Choice program - Patuxent Wildlife Refuge



District Inner City Outings

DICO Outings

Sign up for all events at: http://www.eteambuilder.org/EventSelect

December

Sat 20

Hiking at Sugarloaf Mtn. with Beacon House. We'll be taking the kids from Beacon House on a day hike at Sugarloaf Mountain in Dickerson. Maryland, about 45 miles outside DC on Saturday, November 16. We'll meet at Beacon House at 10am (see directions below), make lunches for everyone, then head off! We should be back at Beacon House no later than 5pm. Lunch will be provided, but feel free to bring along snacks, especially to share with the kids. Sugarloaf Mountain is a scenic conservation/ recreation area about 25 miles from Frederick, Md. The top of the mountain is 1,282 feet. The mountain is now open to the public year-round thanks to a private organization. The hiking trails feature red and white oak, black gum, tulip poplar, black birch and eastern hemlock trees. (http:// patc.net/hiking/destinations/ sug_loaf.html)

Hiking with Wheeler Creek. This is our second outing with this group; the first one was a HUGE success! For this trip, we'll be taking 10-15 children to the Fort Dupont Ice Skating Rink in SE, Washington, DC. The rink is only 15 minutes away from the Community Center and has become quite popular with other groups. They've discounted their rates to \$5/person - we ask that the volunteers pay for themselves and consider paying for 1 child. (http://www.shoarefs.org/ftdup.html)

Outings and Events (DICO)

January, 2004

Sat 3

Community of Hope Hiking Trip. Sugarloaf Mountain is privately owned and managed as a nature reserve and a public recreation area. We'll meet at Community of Hope and pair up volunteers with kids. We'll serve the children a quick PB&J and drink at the head of the trail when we arrive. Bring comfortable shoes, clothing. some snacks and an extra water bottle would be great.

Sat 10

Ice Skating with Highland Addition. Join 20-30 children as we take them ice skating(check back for more details).

Sun 11

ICO Leader Training. This leader training is required for all ICO event leaders. Leaders must also complete first aid training, a police check, and other requirements to obtain certification. PLEASE NOTE: To participate as a volunteer, you only need to be a member of the Sierra Club (volunteers do not need to attend this training). This training is for the event leaders who organize the trips...check out the event details for more info on what it means to be an ICO leader.

Sat 17

Hiking at Sugarloaf Mtn. with Beacon House. We'll be taking the kids from Beacon House on a day hike at Sugarloaf Mountain in Dickerson, Maryland, about 45 miles outside DC on Saturday, November 16. We'll meet at Beacon House at 10am (see directions below), make lunches for everyone, then head off! We should be back at Beacon House no later than 5pm. Lunch will be provided, but feel

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February

Sat 14

Hiking – Second Saturday with Highland Addition. Join 20-30 children from Highland Addition on an outdoor outings (check back for more details).

Eastern Shore Officer Nominations

The Eastern Shore is calling on any member of the Eastern Shore group to put in nominations for the following positions:

- * Chair
- * ViceChair
- * Treasurer
- * Secretary

Please include a bio, a small blurb as to why you should have the position you're running for, and a photo (preferably digital).

You can send these either through the Eastern Shore webpage at www.maryland.sierraclub.org/es, or through e-mail mctavern@udel.edu, or through snail mail at:

Eastern Shore Sierra

104 W Main St

Apt A

Elkton MD, 21921

Nominees must be willing to travel once a month to Queen Anne's County where meetings are held.

Letters to the Editor

Jamboree Participants Share Their Reflections

workshop that Eli Snyder and I facilitated, "Working with Students, Working with the Future" went extremely well. I also had the opportunity to attend the Environmental Justice workshop.

For me, environmental justice is extremely fascinating. In a way, it is like approaching environmentalism from a new perspective, like a conscientious outsider instead of an aggressive participant. As more and more of the problems we face directly affect other people, we realize that we must build a bridge between diversity, experience, ethnicity, and socioeconomic status. Instead of being the dominant all-knowing activists, though, participants learned to approach every situation openly and act like a resource but not a forceful leader dictating what must be done. I am extremely passionate about environmental justice because over the summer I work with migrant workers. Many of the health issues they face can be linked to environmental problems. I think that as more and more people become aware of how important it is to really be active listeners and connect with people, environmental justice

so welcoming. Whenever I attend Sierra Club or Sierra Student Coalition (SSC) events, I always feel like I am with a group of my closest friends, even if it is my first time meeting people. Everyone was willing to help out and make the event run smoothly. When people were tired in the kitchen, other people came to our aide.

The interpersonal connections at the jamboree were amazing. I think some of the highlights of the jamboree were just talking to people and having thoughtprovoking conversations. From a student perspective, I loved learning from the ex-

I thoroughly enjoyed the jamboree. The periences of people in the Maryland Chapter. They inspired me to return to my campus and re-energized my enthu-

> After the jamboree, I felt reconnected to nature at the beautiful Catoctin Park, where the leaves were changing to vivid fall colors, and excited to work the rest of the semester.

> On the way home, I thought about all that we had accomplished in just one weekend: building relationships, planning campaigns for the year, meeting with experts on their subjects, meeting people from other groups and learning about their issues, and having fun.

Adrienne Nash, Maryland State Coordinator, Sierra Student Coalition, Chestertown (http://www.ssc.org/md)

Wow, did I get a workout at the Sierra Club Jamboree! It wasn't because I hiked for miles and miles or because I danced the night away, (I actually missed the dance, unfortunately), it's because I took Dr. Marc Imlay's workshop on invasive species! We didn't just sit around and bemoan the fact that they are taking over The atmosphere at the jamboree was Maryland as well as the rest of the country and beyond; we went out and cleared a few acres of Japanese Barberry from the park.

> We had 15 people or so, and we sang and shoveled and pulled and trimmed and got down on our hands and knees to collect any stray roots and seeds. These bushes, which can grow up to be small trees with thorns on them, are very hard on a native population of plants and animals and all of us felt proud when we looked at the pile of uprooted plants we had worked so hard to remove. We were achy, dirty and tired when we were done.

> > (continued on page 19)

Grassroots Action

Thoughts on the Jamboree (cont.)

(continued from page18)

Then went inside to a wonderfully prepared lunch.

I would do it again and again and again! I believe that Dr. Imlay said he would help communities with invasive species problems and someday soon I hope he comes to mine in Baltimore because we need his expertise.





After reading the proposed agenda for the jamboree, I knew I wanted to go to all the workshops. Of the 15 workshops that were presented, I chose six to attend: How to Recruit Activists, Working with Student Sierra Club, Fielding Requests for Assistance with Land Development Issues, Agriculture and the Environment, Stream Monitoring Outing, Sierra Club Political Program. I found the workshops valuable and plan to share the information I learned to help the western branch of the Southern Maryland Group grow. Alice Lee Imlay

Charles County

Environmental Issues Summit

Monday, January 19 Miller Building Annapolis 12:30 Registration

RSVP by January 12 to Mycah Berryman at the Chesapeake Bay Foundation: 443-482-2172

Lobby Night for the Environment

Monday, February 16 90 State Circle (Lawyers Mall) Annapolis 3:30 Registration

Get involved! Learn about the issues, help set up meetings with county delegates, or suggest new legislative initiatives for this year's session. Issue forums will be held around the state. Contact Mary Marsh, 410 757-5913, marsh@cleanbus.net; or your local political chair.

Maryland Chapter Executive Committee Election Ballot

1.Vote for no more than three (3) candidates: Marc Scott Sherry Dixon Betsy Johnson Bonnie Bick Bob DeGroot	Joint Member Only	2. Clip the ballot and mail to: 2004 Chapter Ballot Maryland Chapter/Sierra Club Room 101A 7338 Baltimore Avenue College Park, MD 20740 Ballots must be received by January 12, 2004. Leaders of the Sierra Club are chosen democratically from candidates who volunteer their time and talent to protect our Earth. Please honor		
Dan Boone				
Explore, enjoy and protect the planet				

Chesapeake 19 Early Winter 2003

The Chesapeake is published quarterly by the Maryland Chapter of the Sierra Club. Annual Sierra Club membership dues pay for subscription to this publication. Non-members may subscribe for \$20.00 per year.

The opinions expressed in this newsletter are in general aligned with those of the environmental community in Maryland but are strictly those of the authors and not necessarily official policy of local, state or national Sierra Club entities. The Sierra Club prides itself on being a grassroots volunteer organization. The concerns and opinions of all its members are welcome in

Items for publication are best submitted by email to

title in subject line. Items must include the author's address and telephone numbers. Material may be edited for length, content or clarity at the discretion of the editor. Photographs, illustrations and other works of art are welcome. Materials cannot be returned unless accompanied by a stamped, self addressed

Change of address: send address changes to the Sierra Club, 85 Second Street (2nd Floor), San Francisco, California 94705-3441. For fastest service, please include your old and new addresses along with your 8-digit membership number. For local membership information contact the Maryland Chapter Office 301-277-7111/410-813-2225 or write: Maryland Chapter/Sierra Club, 7338 Baltimore Ave (Suite 101A), College Park, MD 20740.

Advertising: For display and classified advertising rates and in-Editor, The Chesapeake Sierra Club Maryland Chapter 7338 Baltimore Ave Suite 101 College Park, MD 20740

Credits

The Maryland Chapter wishes to thank those who contributed to this issue of the *Chesapeake*:

Writers: Charlie Garlow; Betsy Johnson; Annie Collier Rehill; William Bartlett; Ed Stennett; Joan Willey; Bill Walsh; Lisa Mayo; Janis Oppelt; Adrienne Nash; Spice Kleinmann; Alice Lee Imlay

Editors: Annie Collier Rehill; Janis Oppelt; Laurel Imlay; Betsy Johnson; Darla Tewell

Outings Editors: Christian Frazar; Bob

Burchard Layout and Typography: Darla Tewell

Jamboree Photos: Jon Robinson

Deadline for submissions for next issue: January 10, 2004

Action Items

January 12

Ballots for ExComm Candidates Due

January 17

Executive Committee meeting

January 19

10th Annual Environmental Summit, **Annapolis**

February 16

Maryland Environmental Lobby Day,

Annapolis Anytime:

maryland.sierraclub.org/action



Chair

Jon Robinson 2604 Cool Spring Road Adelphi MD 20783 < JonWRobinson@erols.com>

Vice Chair

4413 Ridge Street Chevy Chase, MD 20815 (301) 656-4948 <betsy_johnson@comcast.net>

Conservation Chair

Dan Boone 8111 Chestnut Ave Bowie, MD 20715 (301) 704-5632 <DdanBoone@yahoo.com>

Fundraising Chair

Joan Willey 1028 Old BayRidge Road Annapolis, MD 21404 (410) 267-0716 <Herbals@erols.com>

Legislative Chair

PO Box 237 Galena, MD 21635 (410) 648-5476 <jgraham@bluecrab.org>

Outings Chair

John Railey 1723 Byrd Street Baltimore MD 21230 (410) 752-0104 <irailev7007@aol.com>

Baltimore Inner City Outings Chair

Bob Burchard 913 Rambling Dr. Baltimore, MD 21228 (410) 744-0510

bobburchard3@vahoo.com>

Anne Arundel Group

Ann Wolfe 5913 Tyler Rd. Deale, MD (301) 261-5329 <ahwolfe@pkwy.com>

Baltimore Group

Richard Klein 8100 Greenspring Valley Road Owings Mills, MD 21117 (410) 654-3021 <info@ceds.org>

Catoctin Group

Greg Becker 273 Blackhawk Trail Westminster, MD 21158 (410) 876-2182 gregb@ccpl.carr.org

Eastern Shore Group

Dianne B. Hufford Cecilton MD 21913 410-275-1349

Howard County Group

Dennis Luck 7015 Pindell School Roa Fulton, MD 20759 (410) 792-9459 <drcjluck@earthlink.net>

Montgomery Group

Anne Ambler 12505 Kuhl Road Silver Spring, MD 20902 (301) 946-5599 anneambler@comcast.net

Prince George's Group Carolyn Alkire

4715 Riverdale Road Riverdale Park, MD 20737 (301) 779-9093 <calkire@tws.org>

Southern Maryland Group

Bob Boxwell 49660 Cedar Lane Dameron MD 20628 (301) 872-5998 bobboxwell@hotmail.com

Western Maryland Group

14611 Mile Lane, NW Mt Savage MD 21545 (301) 264-4162 <farmersam@hereintown.net>

Staff

Laurel Imlay (301)277-7111 Laurel.Imlay@sierraclub.org

Sierra Club Maryland Chapter Office

Suite101A 7338 Baltimore Ave College Park, MD 20740 301-277-7111or 410-813-2225 301-277-6699 Fax http://maryland.sierraclub.org WALDORF, . POSTAGE