

## SINGING IN THE RAIN

### Avian tourism at an all-time high this spring

The spring '95 bird-banding season at Allegra Collister Nature Area started with dismal weather and guarded expectations. But by June 10th, when the banding station closed, the tally of birds and species was extraordinary--the best season ever.

Five hundred "new" individual birds of fifty-six different species were captured this spring. They were each measured, weighed (upside down in a little cone, which they seem to find no more bewildering than any other part of the process), evaluated and released. Seven of the species had not been netted at ACNA within recent record (prior to '91).

The empidonax flycatchers provided a true test of bander identification skills. Seventy-six empids: Dusky, 40; Willow, 12; Least, 10; Hammond's, 10; Cordilleran, 2; Olive-sided 1; and Gray, 1. Wing formulas, tail ratios, bill width, culmen length, subtle coloration, and more made the process both challenging and enjoyable (for the banders, anyway).

Another 34 species were sighted at or over the preserve, and there were surely more, unobserved. But the banders were so busy and intent that there wasn't any extra time for making observations of free birds.

In addition, 49 "banded" birds were (re)captured. Most were birds that stayed in the area after their initial capture and found themselves netted again a few days or week later. A few however were returning from previous years.

Most of this season's data are still being compiled and analyzed. A finalized report will not be available for another month or so (call Joe Harrison for a copy: tel 772-3481).

It is clear that ACNA holds an attraction for many birds, and other creatures too. Because of its value as a study site for a variety of disciplines, BCNA has negotiated for and administers a conservation easement for this critical habitat. **It is private property.** It is important that the landowner's wishes be respected, and the intent of the agreement honored. Permission must be obtained prior to entering the property. Access will be limited. Only those who are conducting BCNA pre-approved studies or who are performing planned maintenance activities will be allowed routine entry.

*--submitted by Joe Harrison*



### Directed, Inspected, Dejected, etc.

Bob Dylan would probably have expressed it that way if he had been serving with the Lakewood Pipeline Environmental Impact Brigade this spring. It was tough being a transector in wet May and June. But from another perspective, perhaps the goshawks--and the invisible flammulated owls-- in North Boulder Creek Canyon may not have felt very sorry for the whispering, tiptoeing (splashing) groups of three and four humans who passed through every couple of weeks. In fact maybe Mrs. A.G. Goshawk felt more than adequately transected, inspected, suspected, and practically trisected, and is hoping her family's fame will soon fade so that the fledglings can learn some skills in relative peace. For the status report on the Pipeline EIS, see page 5. For a typical transector story, turn to page 9.

## BCNA CALENDAR -- MIDSUMMER TO SUMMER'S END

**Sa. Jul. 8** ● *Wildflower and songbird hike:*  
**7 - 11:00 a.m.** on Ann White Trail.  
 Meet at Friends Meeting House, 1825 Upland (3 blocks east of Broadway in North Boulder). Last year one of the treats of this hike was the thoughtful poems and readings shared as we broke bread. Another was the moment spent watching four kit foxes play on the rocky hillside opposite us in the tiny canyon. The scent of monarda, the song of the hermit thrush... Join us.  
**Contacts: Mary Rose (449-3945) and Steve Jones (494-2468).**

**Sa. Jul. 22** ● *Lakewood Pipeline Transectors Party:* Those who participated in the voluntary work on researching the proposed pipeline areas for rare and interesting species during the past two months are gathering to swap war stories at Dawn Kumpli's house (5223 Sugarloaf Rd., 5.2 miles up from the Boulder Canyon Road). Bring a dish to share; drinks & a dessert will be provided. **Phone: 442-1278.**

**Sa. Jul. 29** ● *Revisit the BCNA Prairie:*  
**4:00 p.m.--** Annual reunion for the purpose of partying and of preventing the prairie from choking on bindweed and cheat grass. Activities will include a weeding contest (of course), volleyball on the crested wheat grass patch, and a gourmet barbecue (provided). There is usually live music, a sing-along, sometimes dancing, and much good food. Bring your favorite summer dish to share. At Naseem's, 2595 N. 129th St., Lafayette. **Phone: 673-0933.**

**Su. Jul. 30** ● *Thistle Party at Arapaho Ranch:*  
**9:45 a.m. - 5:00 p.m.?** Spend a day at the beautiful Ranch, assisting with a land stewardship project: hand-cutting thistles to prevent their spreading. A great opportunity to visit this private property, with time to hike and enjoy the scenery and wildflowers. Bring lunch, water, rain-gear, workgloves. Some tools will be provided; it would be helpful to bring weed whips or clippers if you can. BCNA will provide cold drinks and snacks. Meet at 9:45 at Settlers' Park on Canyon Bd., near the mouth of Boulder Canyon, to carpool. **Contact: Nan Lederer (447-1899).**

**Sa. Sept 9** ● *Moonlight Madness Hike on Mt. Audubon:* Beech parking lot (Hwy 36 & Neva Rd) at 4:00, or on trailhead at Mitchell Lake parking area near Brainard (5:30). Ascend to tundra for picnic, and "optional" sunset at 7:30 (moonrise around 8:00). Bring your supper and something to share. **Contact: Naseem (673-0933) or Steve (494-2468).**

### 1995 BCNA Board

**President: Tim Hogan (444-5577)**  
**V.P.: Scott Severs (442-1322)**  
**Treasurer: Dan Murphy (499-2771)**  
**Secretary: Marty Dick (444-0743)**  
**Mike Figs (447-1899)**  
**Roger Jacoubek (449-3503)**  
**Bev Johnson (938-8483)**  
**Cherie Long (447-0922)**  
**Jim McKee (494-3393)**

### BCNA Committee Representatives

**Indian Peaks Bird Count: Dave Hallock (258-3672)**  
**Boulder Cnty Land Trust: Joe Mantione (499-2468)**  
**Field Trips: Steve Jones (494-2468)**  
**Prairie Dogs: Randy Gietzen (530-4355)**  
**Col. Environmental Coalition: Jim McKee (494-3393)**  
**Trails; Partners in Flight: Scott Severs (442-1322)**  
**Newsletter: Linda Andes-Georges (543-9404)**

# ISSUES AND REPORTS

## BCNA Involved in Dog Roundtable

### Dog owners and naturalists have found some common ground

When the City of Coulder Open space Dept. released its draft Long Range Management policies in Feb. of 1994, considerable controversy arose with respect to the proposed management policy for dog behavior: it was proposed that dogs be allowed on Open Space only where specifically where permitted, and then only on leash (habit and tradition had established a much more liberal code of conduct). Opponents of the dog policy, believing that their interest had been unduly singled out, organized with the name Friends Interested in Dogs on Open Space (FIDOS), and made their objections known to the Open Space Board of Trustees and City Council.

Council separated the controversial dog policy from the rest of the LRMP project, and directed staff to work with community organizations to resolve the canine disagreements, including development of a consistent policy on City Parks and Open Space, and encompassing a range of opportunities from "no dogs," and "dogs on leash," to "dogs off-leash." City staff started the dog roundtable in the spring of 1994; BCNA has been represented by Mike Figgs, Steve Jones, and Tim Hogan. The roundtable will recommend to City Council action on three points: clarification of City Code, site-specific restrictions to protect environmental resources, and provision for balanced recreational opportunities involving dogs.

The original controversy developed in part because of the inability of the Open Space Dept. to enforce existing City Code, which in turn was influenced by the fact that most of Open Space is outside the City limits. The "voice and sight control" language in City Code was vague, and Municipal Court was accordingly reluctant to enforce the code. The Roundtable is developing a proposed Code definition for voice and sight control that addresses the following points:

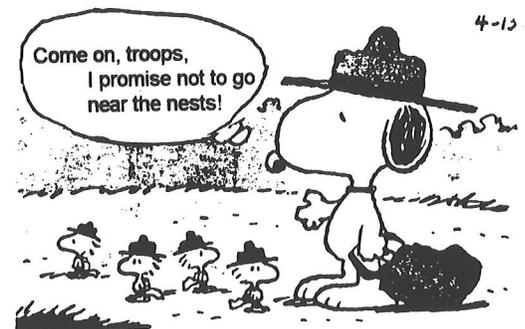
- \* the dog must not approach people or other dogs unless invited
- \* the dog must not approach or chase wildlife

- \* the dog must immediately obey all commands by the owner/keeper
- \* the owner/keeper must respond to all reasonable requests to control the dog

In addition, FIDOS has agreed to significant general restrictions which help address enforcement: all dog owners will carry a leash when on Parks or Open Space, and will use the leash wherever the leash laws apply; or whenever a dog can not meet the requirements of voice and sight control.

The Roundtable is developing recommendations for parcel and trail-specific restrictions in order to protect environmental resources. This exercise has included creation of management criteria and extensive mapping of areas of conflict. The following has been discussed in detail:

1. no dogs in the two primary prairie dog preserves on Open Space
2. no dogs to the west of the summit of the mountains bordering the City (Eldorado Mtn., South Boulder Mtn., Bear Peak, Green Mountain, Mt. Sanitas, etc.) with exceptions for existing trails, where other restrictions may apply.
4. no dogs in the tallgrass prairie natural areas
5. restrictions to avoid agricultural lessee conflicts
6. Seasonal restrictions to protect waterfowl and ground-nesting birds



A large area south of the city is proposed for closure to dogs, including the prairie dog preserve on the Varra parcel, the Coal Creek riparian corridor, Tracy Collins parcel, Flatirons Vista parcel (with the exception of the Doudu Draw trail) and most of Eldorado Mountain. (cont. on page 4)

(cont. from page 3)

The Roundtable is also working to provide a balanced range of recreational opportunities involving dogs, including:

- \* trails with dogs in all four quadrants around the City and Eldorado Springs with a variety of recreational settings and options, and strategic locations to minimize driving

- \* trails in all four quadrants around the City where dogs are NOT allowed

- \* discrete portions of public lands inside the City may include facilities for a more intensive level of use by dogs, including dogs off leash. Such designated "dog parks" should be located in all four quadrants of the City. As a new concept, dog parks will need additional analysis and community discussion. It is hoped that dog parks will remove some of the recreational pressure from the City trails system.

Once the roundtable has complete its work, and City Council has taken action on the dog management policies, an educational campaign will begin to notify recreationists of the management changes on City land, and encourage compliance with regulations. --submitted by Mike Figgs

Not even a bite of bobolink.  
Talk about losing civil liberties!



## Raptor Fledging Update

This season was not a very good one for local buteos and accipiters. Both peregrine falcon nests failed, perhaps due to cold or rain or both (rangers found an eroded water channel in the vicinity of one nest). The Green Mountain eagles did not nest this year (never seemed to settle in and start feeling domestic); the Lefthand Canyon eagles may have nested in Heil Ranch or Carriage Hills, where pairs are currently located.

The good news is that the Open Space prairie falcons are still actively nesting, and one Mountain Parks nest has three chicks.

## A small Victory fur more humane trapping

CEC Wildlife Issues Steering Committee

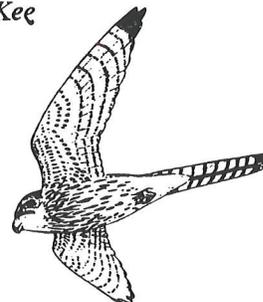
After many furbearer steering committee and stakeholder meetings, a trip to Durango to testify at the Wildlife Commission Meeting, a trip to Meeker to "politic" at the Wildlife Commission Workshop, and a meeting last Friday with the Agriculture Commissioner, what have we accomplished? Actually, quite a lot.

The DOW will present their recommendation for much improved furbearer policies and regulations to the commission at their July meeting in Montrose. I will be there to testify in favor of the DOW recommendation.

This recommendation, based on the Stakeholder Alternative 2, will close trapping on all furbearer species except eight: badger, beaver, bobcat, coyote, muskrat, raccoon, red fox, and striped skunk. These are species which state statutes single out as chronically involved in damage conflicts with private property owners and/or which are important vectors for wildlife borne diseases. Anyone trapping these species will be required to use humane devices and techniques.

Leghold traps with commercially manufactured padded jaws, non-lethal snares, and closed seasons during periods when females have dependent young will be required. One-day trap check intervals will be required for all traps and snares except those which are set for coyotes (2 days). Trappers born on or after January 1, 1949 will be required to complete a DOW certified trappers' education course before they will be issued a license.

Another issue of current concern is small game hunting. We are working to either eliminate the open season on the Abert's squirrel or to drastically reduce the season and daily bag limits. This will be an issue at the Montrose commission meeting. --submitted by Jim McKee



## Lakewood Pipeline EIS:

### BCNA persists in pursuing thorough research

Since March of this year the BCNA has increased its role in the City of Boulder Lakewood pipeline project. During the past year, the City Utilities Dept. completed the Community and Environmental Assessment Process (CEAP) for this project, and the Utilities Advisory board (UAB) approved the CEAP this March. Both the CEAP and UAB have determined that there is no significant difference in impacts between the Historic Right-of-Way (HROW) alternative, along North Boulder Creek, and the two Sugarloaf Road alternatives, and that the HROW alternative has no significant long-term adverse impacts on environmental resources.

BCNA has objected to the CEAP for two reasons. First, the CEAP did not accurately describe the impacted environment. An examination of the six-volume CEAP appendices reveals that the assessment of ecological resources was based upon four days of field work conducted seven to eight years ago, augmented by an extensive file and literature review. Second, the Utilities Dept. used the inadequate CEAP to determine that there was no significant difference in impacts between the various alternative routes, including the city's proposed route along North Boulder Creek. This was particularly frustrating to some BCNA members who had participated in the creation of the CEAP regulation.

Although the City failed to adequately address these issues by means of its own assessment, the Arapaho/Roosevelt National Forest has included BCNA's issues in the Environmental Impact Statement (EIS) for the Lakewood Pipeline. BCNA's issues include an analysis of potential impacts to wetland and riparian plant communities, old growth forests, wildlife species including willow flycatcher, goshawk, flammulated owl, elk, and black bear, and Lepidoptera (butterflies and moths). The City of Boulder, having a recent change of attitude, has agreed to reimburse the expenses for these studies.

The Boulder Ranger District of the US Forest Service will be conducting field work this summer in order to complete the EIS. The Forest Service will be assisted by volunteers provided by the Boulder County Nature Association for some of the ecological issues to be addressed in the EIS. This information will be used to determine impacts of several alternative pipeline routes, including alternative routes that have less of an impact on North Boulder Creek as compared to the HROW alternative. BCNA volunteers, working with several interested property owners from the North Boulder Creek and Sugarloaf areas, have already begun field work. If you are interested in participating, please contact the following people:

- \* old growth forests (to be completed in Sept.): **Mike Figgs (447-1899)**
- \* willow flycatcher (until mid-July): **Mike Figgs**
- \* flammulated owl and goshawk (until mid-July): **Steve Jones (494-2468) or Randy Gietzen (530-4355)**
- \* black bear and elk sightings can be reported to **Dawn Kumpli (442 1278)**
- \* butterflies (until end of July): **Mike Figgs**

The study area includes the canyon of North Boulder Creek east of the Peak-to-Peak Highway, and Upham Gulch and Bummers Bulch along Sugarloaf Road. —submitted by *Mike Figgs*

## Quick Quotes

Colorado's remaining scraps of prairie are like the oldest living war veterans on Memorial Day. Every year, fewer and fewer of those relic soldiers survive the icy winter. Those who make it to another green spring to don their baggy uniforms and faded ribbons are little more than gaunt reminders of something that once was splendid.

Likewise, the prairie. --from "*Vanishing Colorado*" by *Joseph P. Verrengia in Rocky Mountain News, 1994*.

**To help work on the little patch of prairie adopted by BCNA, see schedule on page 2.**

# POT FRAIS AND POT POURRI

## Abnormal is Normal

Landscape architect Jim Knopf says that, and so does anybody else with any sense who has lived in Boulder a while. So this endlessly wet and moldy, cool and fragrant spring is "normal," even though it broke some precipitation records. Wildflowers and wildlife have coped with it accordingly.

The BCNA Wildflower hikes confirmed that things were greening and blossoming several weeks late, although the earliest hike--in April, to Six Mile Fold--followed an early warm period and our globally rare (but locally abundant) Bell's Twinpod (*physaria bellii*) was doing well then.

However, May and June have somewhat confused our fauna and flora: the Pasque flowers that are usually at their height in early June (at Caribou, for example) were putting on a show on June 26th this year. Fairy slippers (*Calypso bulbosa*) were just coming out at Bridalveil Falls on June 22nd. White crowned sparrows and western tanagers lingered so long in the foothills, waiting for the high country to get warm, that they almost had their babies on the flight up. "Traffic" is backed up in riparian mid-altitude levels, and we hear that not only the snowmelt, but also the elk, are overflowing the banks and roads of Rocky Mountain Natl. Park.

It was such a weird spring that a birder saw a loon on the pond at the east end of the Boulder Creek Trail but refused to believe her eyes. It was later confirmed that a couple of loons had indeed been at Baseline Reservoir.

Now, as we inch into mid-summer (by the calendar), it appears that the bears have finally awakened, after a lean '94 summer and a long winter. Using urban bear street-smarts, they are heading for some of the richest, closest sources of grains and fat available: birdfeeders and suet cages. Neighbors on Sugarloaf and in Nederland are already trading "biggest bear" stories (the reach of one challenged a birdfeeder hanging at seven feet); and lion kill and sign have been sighted in several places. --submitted by LVAG from information from Carol Cushman and Marty Dick

## Creature Feature

There is a bit of Open Space pasture behind my house, to the east. We used to see and hear coyotes there, but this past spring it was claimed by an insouciant red fox. At varying times of day, he poked his way through the llama enclosure on the far side. Then he worked his way across the field, marking his turf and transecting for mice.

One day I stopped about a hundred yards from him to watch his technique. He swiveled his broad, buff face to study me too, for a while, then turned a russet back and an enormously inflated tail in my direction and trotted off to work.

He made a first pounce in five minutes, but it was a dud. Ten minutes later, I saw him freeze and begin his cat-like stalk again. Then he pounced, all jaws and paws, and came up with a small dark creature (vole maybe?), which he devoured in two chomps.

Two hundred yards to the north, there was high traffic on the Centennial Bike Path, but they were oblivious of the fox, and he cheerfully ignored them. A truly professional generalist has other fish to fry, or... other voles to gobble. --submitted by LVAG



To facilitate gathering of information on elk, black bear, and mountain lion sightings in the Sugarloaf area for the Lakewood Environmental Impact Study (see page 5), please report anecdotes to Dawn Kummli (442-1278).

# POT FRAIS AND POT POURRI, cont.

## BCNA Abroad

Members of the Association are often active in varying educational forums. Here are a few that we know about:

*Carol Cushman*-- with spouse Glenn, she has just published Boulder Hiking Trails (Pruett, 1995), "the best of the plains, foothills, and mountains," covering 74 trails within about an hour's drive from Boulder. The first booksigning will be held at the Boulder Bookstore on July 15h from 2-4:00 p.m Carol has already co-authored the Boulder County Nature Almanac with Steve Jones and Jim Knopf (see quotes elsewhere in this issue).

*Jim McKee*--one of our most active volunteer naturalists, Jim leads nature hikes in all corners of the county and at all times of year. Coming up, for example, are a sunset walk from Walker Ranch down to Boulder Creek, a hike around Betasso, and a hike especially for seniors at Long Lake (all in August--call Jim at 494-3393 for details); also look for Jim on the morning of July 9th along the Mesa Trail as he tries to be generally helpful and informative to passing hikers and wildlife-watchers. On July 16th he will be at the Summit Center. He says that being retired facilitates this sort of active volunteer schedule.

*Unless otherwise indicated, quotes and text about Boulder County are from the Boulder County Nature Almanac by Ruth Carol Cushman, Stephen R. Jones, and Jim Knopf (Pruett, 1993).*

## Creature Feature

Decidedly, the rodents in our neighborhood live precarious lives. As I took a run on the Bobolink Trail at mid-day, a red-tailed hawk made a kill 50 feet away, across the creek. I hadn't seen her hunting, and so when she silently plunged, I gave a startled squeak, and then was very glad not to be her prey.

About two weeks later (mid-April), my son called to me from the family room: "Mom--there's a hawk on our fence!" He at least got the family right, for a kid who can't tell a robin from a jay, but I was thrilled to discover that the one buteo who had eluded me as I wandered over the gravel roads in north Boulder had decided to spend a day literally in my back yard. A beautiful Swainson's--and his date--explored the Open Space (east of 55th & Baseline) for a while, before disappearing toward Nebraska ahead of the next spring snow storm.

The same day, as I went out to the mailbox, a sharp-shinned hawk and I startled each other: he had been sitting on my roof with an interested eye on my bird feeder clients.

--submitted by LVAG

## The Mis-Matching Quiz

Try to match the actual physical phenomenon which was seen or heard with its positive identification by local experts in such matters, most of whom are well-known to BCNA potluckers:

- |   |  |
|---|--|
| 1. jackrabbit (speeding)                              | A. wood owl  |
| 2. model airplane (flying)                            | B. snowy owl   |
| 3. mountain goat (at long distance)                   | C. roadrunner  |
| 4. cow (grunting)                                     | D. snowshoe hare                                     |
| 5. interesting chunk of wood (sunning)                | E. rough-legged hawk                                 |
| 6. mound of snow (meditating)                         | F. black-chinned humm'bird (humming)                 |
| 7. black & white cat on telephone pole                | G. boreal owl (tape recorded, played by birdwatcher) |
| 8. boreal owl (tape recorded & played by birdwatcher) | H. ancient VW, idling                                |
| 9. broad-tailed hummingbird                           | I. soaring buteo                                     |

First prize for first correct entry: Boulder Co. orienteering kit.  
Second prize: home entertainment center.

Third prize: homemade solid chocolate fudge Western tanager. (No fair trying to be third on purpose).

--Many ideas for quiz submitted by Steve Jones, who is ineligible for prizes.



## The Beginner's Mind

About Gray Ranch, New Mexico

Not so long ago, only a few minutes in geologic time, we attacked the wilds with implements of greed and domination. Now, or so it appears, we are having a run at it with sporting equipment, non of it as friendly to the earth as the human foot or the hooves of horses. Walking makes the world its own size, and a scant hour in a 40-acre woodlot is liable to dissipate the worst case of claustrophobia. The same hour in the high country of the Gray Ranch and you're ready to levitate. I remind myself again not to burden the air with requests from the wild but to see what I can see with the attentiveness of the creature world. --by Jim Harrison in Heart of the Land (see Book Bin in this issue)



## The Transectors' Lament

Was this a typical Lakewood EIS transector expedition, or was it "Laurel and Hardy go Camping"? Cherie Long and Carol Cushman tell this story:

Scheduled to transect a portion of upper North Boulder Canyon for goshawks one evening in late June, Cherie and Carol planned to be on the route at 5:00 p.m. But they got off to a rocky start (no pun intended) when they found they had received the wrong map. Cherie bravely declared that she could orient them from memory (a year-old memory) and they proceeded. But they underestimated the distance to the starting point, and the gas gauge was reading "Empty" even before they made the final shuttle run at the route's end.

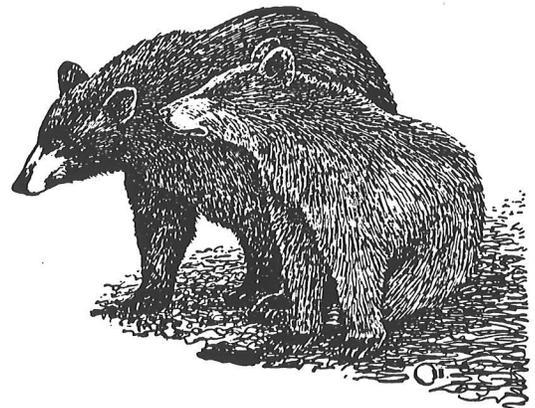
To ice the cake (and mix metaphors), they then missed their turnoff several times (with the gas gauge reading emptier and emptier), and arrived at the route's start an hour and a half late. By then they were thinking maybe they should flip the tape recording and call owls instead of accipiters, when, as they tumbled out of the car, they heard the unmistakable cries of a goshawk. A female with her beak full of rodent flew overhead.



Before the intrepid transectors could get their backpacks on and start the tape rolling, a smaller goshawk (the male?) flew over in the opposite direction.

Except for the fun of leaping streams and waterfalls along the way, and straining to hear birdcalls over the noisy creek; and except for the suspense of later riding back to the start with the gas gauge reading emptier and emptier, Cherie and Carol had already experienced the climax of the evening.

As the old song about Pierre and the Mademoiselle says, at least where wildlife is concerned, it just "goes to show you never can tell." The question remains, however: with a mouthful of mouse, how does a goshawk talk?



Black Bear, with brown or cinnamon color phase at right

Su. Sep. 10  
5:00 p.m.

● **BCNA Board Meeting:**  
Be at Naseem's at 4:00 for  
dinner (potluck), 5:00 for  
meeting.

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# MEMBERSHIP APPLICATION BOULDER COUNTY NATURE ASSOCIATION

Name \_\_\_\_\_

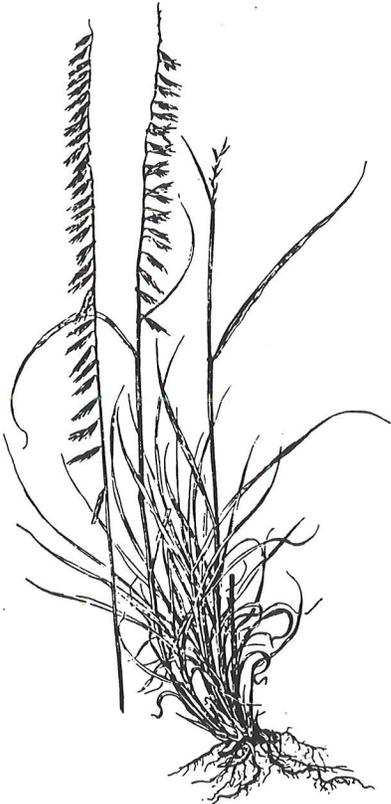
Address \_\_\_\_\_

<input type="checkbox"/> Student or senior citizen (65 and over)	\$10
<input type="checkbox"/> General member	15
<input type="checkbox"/> Family or household	20
<input type="checkbox"/> Supporter	30
<input type="checkbox"/> Land Trust/subscriber (\$20 to Bldr Cnty Land Trust)	50
<input type="checkbox"/> Founder (\$70 to Boulder County Land Trust)	100
<input type="checkbox"/> Life member	300
<input type="checkbox"/> Corporate member	500
<input type="checkbox"/> Stakeholder (\$700 to Boulder Country Land Trust)	1000

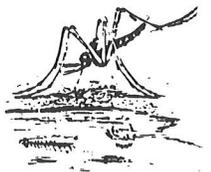
Membership year is Jan. 1 to Dec. 31. Members who have joined since October 1 are considered paid through the following year. Members receive a quarterly newsletter and discounts on BCNA publications. Subscribers receive a complimentary copy of each BCNA publication that is published during the membership year. New Boulder County Parks and Open Space Dept. Volunteer Naturalists receive a one-year free general membership. Newsletter content information is available from Linda Georges (543-9404); subscription status from Marty Dick (444-0743).

Please make check payable to "Boulder Country Nature Association" or "BCNA," and mail to:  
BCNA, P.O. Box 493, Boulder, CO 80306.

Boulder Country Nature Association  
P.O. Box 493  
Boulder, CO 80306



— *Bouteloua curtipendula*



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