used to use. It casts well under wind conditions. The 7' leader is tapered as such for knot strength, not dropping more that .003 diameter between sections. When building a leader of 10' and longer, the knots start to play a slightly different part in the casting function. They add weight to the leader and stiffen joints for power transfer. Again, the slight drop in diameter of each section is for knot strength.

In addition to these leader formulas, I should like to include an 18' leader I use at Putah. It casts like a much shorter leader than it is, and I really enjoy using it.

<table>
<thead>
<tr>
<th>FORMULA</th>
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</thead>
<tbody>
<tr>
<td>.022 48&quot; .010 18&quot;</td>
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<tr>
<td>.020 6&quot; .009 6&quot;</td>
</tr>
<tr>
<td>.017 36&quot; .008 12&quot;</td>
</tr>
<tr>
<td>.015 6&quot; .007 8&quot;</td>
</tr>
<tr>
<td>.013 18&quot; .006 12&quot;</td>
</tr>
<tr>
<td>.012 6&quot; .005 40&quot;</td>
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</table>

The leader works on this principle: The many knots add weight and the short pieces allow a fast taper with regard to material diameters. The elimination of the short pieces would; weaken knot strength; reduce the number of knots, taking away weight and stiffeners; and shorten the leader by 2'. A long leader with a fast taper and a lot of knots will allow an angler to fish deep with a small fly on a floating or slow sinking line. Long pieces of smaller diameter material can be pulled down faster by the fly and the knots. (continued)
LEADERS
BY
TERRY EGGELSTON AND MIKE MONROE

(This is the first of a several part article on tying your own leaders.)

In these articles I will discuss: building your own, store bought, materials, purposes, and formulas. A selection of leader formula that serve my needs will be included.

BUILDING YOUR OWN

The three types of monofilament material I use for building leaders are: Mason, for salt water; Nylorfi, for tippets, 3X and smaller; and Maxima, for everything else. My choices are based on a need for abrasion resistance and strength per diameter. Mason and Maxima give me good sheer strength, which is abrasion resistant for knot tying or rubbing on rough surfaces. Nylorfi gives me good tensile strength, which is pound tested per diameter, along with a soft flexibility for natural action on the fly.

Accompanied with this article is a list of leader formulas from 7' ro 14.5' and a basic salt water leader system. You may give note to a large number of knots and sections. When building a leader of 9' and shorter, the tapering is not that critical for turnover under fishing conditions. The formula given here for a 9.5' leader is a slightly modified taper from a successful tournament leader I

PRESIDENT'S MESSAGE

I'd like to take this opportunity to thank those of you who have chosen to renew your membership. Those of you who are now delinquent please realize that it is expensive to produce and mail the "Leader". Therefore, this will be the last copy mailed to subscribers with the date of JAN 86 or FEB 86 on the label of this issue. To renew your membership, send your check to P.O. Box 548, Roseville, Ca. 95678 or join us for the next meeting and pay your dues to Marge Vingom.

The first swap meet for our club will be the next Club meeting on April 9th. Bring your extra fishing gear, pay $1.00 at the door and have a great time.

MINUTES OF CLUB MEETING OF MARCH 12, 1987

The meeting was called to order at 7:30 pm at the Granite Bay Activity Center.

Old Business:

The club non-profit status papers are now essentially complete. Morrie and Dave Davy will meet during the next month and finalize and file them.

Incorporation for the club is nearing completion. Papers should be ready within the next month.
The club jackets that have already been ordered will be delivered at the April club meeting.

A reminder that your anniversary date is printed on the top right corner of the address label on your newsletter. A message to those who are delinquent will be printed in the presidents message.

REPORTS:

The Saturday work parties have had very bad turnouts lately and we really need your help. There is inside and outside work to be done, so come on out rain or shine.

Seven members have made reservations and paid for the Babine trip. The other openings that were available are now open to everyone whether members or not. See Ken Winkleblack for details.

Jim Victorine (now published in the Fly Fisherman) reported that the Federation Conclave will be held in the high Sierras again this year. Dates are Sept. 18-19, 1987.

REMINDER—Articles for the "Leader" should be in the P.O. Box by the 20th of the month.

FLY TYER'S BENCH

THE GREY NYMPH

Fred Stabler is responsible for this fly. It closely resembles the Muskrat Nymph created by Dee Vising of Rigby, Idaho in 1935. Although over fifty years old, this fly pattern is a very popular nymph throughout the west. Fred uses badger guard hair for the tail. This impressionistic pattern may imitate scuds, mayfly nymphs, caddis pupa and other aquatic creatures. The fly is particularly effective when fishing in the high mountain lakes.

GRAY NYMPH

Hooks: Mustad 9672, #6-14
Thread: Gray
Tail: Grizzly hackle fibers.
Body: Muskrat fur.
Hackle: Grizzly.
there's no telling how sensational the angling
can get. Most anglers in California never land
a trout exceeding five pounds. At Manzanita,
ten pounds is attainable. (Tubes, canoes and
prams recommended. Shore angling is limited.
Profuse hatches of mayflies occur late May
through June (just around the corner) followed
by phenomenal caddis activity. Traditionally,
August-September taper off, but these weeks
held up well in 1985. October is good so long
as weather remains moderate. Lure fishing
success unknown at this time, but should be
effective as soon as the trout population
expands and fish begin to compete for food and
space.

Angling information:
Manzanita Ranger Station (916-335-4266)
Powell's Fly Shop (916-345-3396)

BABINE LAKE RESORT BARGAIN (Ken Winkleblack)

By the time you read this we should have about
10 of the 14 slots filled for our week at the
Babine Lake Lodge in British Columbia (we have
over half of the slots filled now). I plan to
begin a waiting list of backup people to fill
in for any last minute dropouts as soon as I
have 14 $100 deposits. It looks as though we
will get to the $250/person rate for meals and
lodging for our week of July 17 to the 24th.
Bob Brown has reserved the whole place for our
club. If you are interested don't delay, give
me a call (day 786-8000 ext 4420 or night
986-7129) and I will fill you in on other
details.

SWAP CORNER

REMEMBER: This space is reserved for swapping.

TREASURERS REPORT

INCOME STATEMENT FOR THE 2 MONTHS(S) ENDED
February 28, 1987

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<tr>
<th>Description</th>
<th>Month</th>
<th>Year-to-date</th>
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<tbody>
<tr>
<td>Operating revenues</td>
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<td>Less. operating costs</td>
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<td>Net Operating revenues</td>
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<td>14.15</td>
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<tr>
<td>Dues and Fees received</td>
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<td>Other income</td>
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<tr>
<td>TOTAL INCOME</td>
<td>239.15</td>
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<td>Club Newsletter</td>
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<tr>
<td>Stationery and supplies</td>
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<td>Affiliated assn. expenses</td>
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<tr>
<td>Honorariums and services</td>
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<tr>
<td>Other general expenses</td>
<td>(.02)</td>
<td>(.02)</td>
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<tr>
<td>TOTAL EXPENSES</td>
<td>175.28</td>
<td>285.20</td>
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<tr>
<td>NET INCOME</td>
<td>63.87</td>
<td>103.95</td>
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</table>

BEGINNING BANK BALANCE $ 1129.82 $ 1089.74
Cash in bank this date $ 1193.69 $ 1193.69

Date:3/10/87 Certified correct: Dave Davy
(Signature on file)

MEMBERSHIP RENEWALS

If you are not sure when your membership
expires, check the upper right corner of the
address label on your newsletter. It indicates
the month and year and type of membership you
hold: R- regular, F-family, Y-youth

CALENDAR OF EVENTS (Program)

Our program for April 9 will feature Rod Gray,
of the Alagnak Lodge in South West Alaska, on
"Flyfishing Alaska". Rods program emphasizes
realistic fishing expectations for Alaska
sportfishing. He will cover equipment needs,
set up, fly patterns selection, concepts of different types of lodge operations, and how to select a lodge for your own personal needs. The program will also include information about what species of Salmon are found in Alaska, where, when, etc. In addition (this time) we will really have "Float Tube Experience" as our second feature. This tape gives tips on tubes to buy, waders, keepers, staying warm, how to fish from a tube, and places to go. All this and some pictures of very impressive results.

May's program will be Ralph Cutter on "Wild Trout Waters of California".

Coming attractions include:

April 9 - Club mtg. and swap meet. (fishing gear only)
  11-12 Beginning flyfishing clinic.
        Chuck Ekert - instructor (more info at April mtg.)

The three P's of fly fishing will be presented at the clinic (place, pattern, and presentation). We still have room for a few more people interested in improving their casting. Only $30 for the weekend. Meet at the club house for morning coffee and have your equipment ready at 8:00am. Be sure to wear a hat and eye protection.

DIRECTIONS: Through the gate at Granite Bay, straight ahead to second stop sign. Turn right for 25 feet, turn left through pipe gate, follow the road to the group picnic area and club house.

APRIL 16  Finnon lake Bass Bug Party
     Come make bass bugs for the fishout.

(DATE TBA) Bass fishout with Leo Gueteras

May 2  Finnin Res. Fishout for bass (more info at Apr. mtg.)

May 16  Club Picnic and BIG raffle

PLACES TO FISH

MANZANITA LAKE (Lassen Park)

It took six years of effort for CalTrout to get what it wanted here: a superb fishery for large rainbows and browns, supported by a catch-and-release ethic. It was worth the wait. Manzanita has limited (but improvable) reproduction capability, so when national policy sharply cut back on artificial stocking in Park waters, it was clear Manzanita required an innovative management approach. We were ready and we proposed one, stuck with it, and finally broke the ice by drafting a Resolution favoring our plan for the California Fish and Game Commission to adopt and forward to the National Park Service. NPS then concurred, and set regulations at 2-fish, 10" Maximum, artificials only, as CalTrout proposed. The first season (1985) under this management produced memorable angling and sustained it all year. Trout growth in the lake is exceptionally fast and if we can (or are allowed to) solve the reproduction limitations,