

FRIENDS OF THE PLEISTOCENE

Recollections of Fifty Annual Reunions

1934-1988

by Richard P. Goldthwait

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This recollection is based on a presentation at the 50th Reunion of the **Friends of the Pleistocene** (Eastern Group), Northampton, MA, May 9, 1987 and on the *Introduction to the Field Guide*, edited by Carl Kotteff and others, U.S. Geological Survey, "on open file." Added to the presentations are details of the development of six other regional *Friends* offshoots. Tables 2 to 6 in the Appendix list all *Friends* meetings through 1989.

At the Byrd Polar Research Center, Peter J. Anderson, Kathleen L. Doddroe, and Lynn Lay were involved in the production of the manuscript.

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Cover photograph: James Walter Goldthwait, Dartmouth (L), Alfred C. Lane, Tufts (C), and Douglas W. Johnson, Columbia (R) look over a map during an early field trip.

The Founding

Amazing! This is indeed the 50th annual field conference of the Friends of the Pleistocene. Actually it took 53 years to get here because World War II preempted all of our principal characters for four years. The "father" of the idea, Dick Flint of Yale, was working for the U.S. Army Arctic, Desert, and Tropical Information Center.

The "Friends" idea was all hatched by letter and phone in the winter of 1934 when Flint wrote to my dad, J. Walter Goldthwait of Dartmouth, that he'd like to see whether a Merrimac Valley late Wisconsin lake was similar to the well-studied one in Connecticut Valley. Or was the glacier ice front melting southward? George White at the University of New Hampshire and I as his assistant, were mapping in central New Hampshire so he was co-opted to join also. White and Don Chapman of UNH had some amazing high marine features around Durham; so they asked Flint to come early on Friday, May 25, 1934. Flint obliged and E. H. Perkins of Maine and Lloyd Fisher of Bates College also came. After a first day of field discussion Perkins and Fisher seem to have dropped out, but J. W. Goldthwait arrived as I was taking off to Alaska. By Sunday, May 27th, Flint, Goldthwait, White, and Chapman had crossed the state northward and arrived at Hanover, thinking out loud and arguing all the way.

For the second reunion Flint wrote my dad, "Isn't it about time that the Friends of the Pleistocene meet again?" At that time (1935) this name was unique and even bizarre; since that time the "Friends of Everything Else" have sprung up. By 1938 (Reunion 5) Flint had copyrighted the name but found that the university treasurer made us call it a "Pleistocene Field Conference." The word "Friends" began appearing in pertinent field literature by 1939. It has been called a "Celebration" (25th) and even "an Invasion", as well as a "Reunion" or "Conference"!



[Left to Right] Earl Apfel (Syracuse), Lou Currier (USGS-Boston) [back view], Dick Flint (Yale and Founder), Arthur Knox (Harvard), Dick Goldthwait (Brown U), May 1940.

The Non-organization

For many years, even as numbers grew, Dick Flint was proud of the fact that there was no chairman, no secretary, no treasurer, no dues, and no committees. It had no money or legal or tax status over the 50 years. But, as a matter of fact, there had to be some central spark plug to keep it going. Who puts the finger on some research worker this year to lead the field conference next year? Who keeps some record to know whom to invite next year? There has to be that inner sanctum mailing list. Who tells a desperate leader one month before the reunion, "O.K. to limit the attendees to 100?" Of course Flint did these things from 1934 until he died in 1976, often calling one of us lesser lights to get some backing. He hated the attendance restriction which first had to be exercised in 1966 (29th). I got in real disgrace in 1968 (31st) by bringing 13 serious graduate students and faculty around Ohio by air (DC-3 of Ohio State)!

When Joe Hartshorn took over in 1976 there were few records to be had. After Flint's sudden passing, and that of his wife right after, Yale University transferred his records to Steve Porter in Seattle. Anyway a barebones list had been made at the 35th (1972) by Art Bloom -- one of Flint's students -- with the help of Ernie Muller at Syracuse and Flint himself. Lists of meetings compiled from announcements, letters, telephone calls and field guides up to 1988 are at the end of this review (Tables 1 to 6). (Announcements and field guides, especially from Eastern and Midwest Groups, are on file at Orton Geological Library, 155 South Oval Mall, The Ohio State University, Columbus, Ohio, 43210-1308).

Where to Meet?

Any place is fair game that 100 underpaid northeastern academic and government types will go to willingly for just one weekend to see a field research demonstration. We've been as far north as the marine clays of St. Lawrence Valley at $47\ 1/2^{\circ}\text{N}$ (26th), as far south as marine bench deposits in coastal Virginia at $36\ 1/2^{\circ}\text{N}$ (29th), as far east as the marine-ice relations near Machias, Maine at $67\ 1/2^{\circ}\text{W}$ (30th), and as far west as the multiple drifts of southwest-central Ohio, at $84\ 1/2^{\circ}\text{W}$ (15th). At least a dozen reunions were right at sea level, so critically controlled by worldwide glaciation, but another involved a five-mile walk at 5400 to 6200 feet above sea level where local glaciers were generated (33rd).

Please note that 14 states and provinces have been visited during the 50 meetings. If you give half-credit to any two states sharing many stops at one reunion, New York with 14 meetings is easily the leader; within New York the area leading the pack is Finger Lakes (10th, 13th, 35th, and adjacent 23rd). Massachusetts is second with seven, but Connecticut which was the home of Flint rates only one and a half, and Vermont doesn't rate at all.

States and Provinces Invaded

Connecticut	1.5	New Hampshire	4	Pennsylvania	3.5
Delaware	1	New Jersey	2.5	Quebec	4
Massachusetts	7	New York	14	Rhode Island	1.5
Maryland	1	Ohio	1	Virginia	2
Maine	4	Ontario	3		

How We Dash Around

A caravan of four to 30 private cars was endured up until 1960 (1st through 23rd; special short haul bus was used on three occasions). There were breakdowns, out-of-gas dropouts, lost tails of processions, and oh what dust on the back roads of yesteryear. No one could forget "O D" VonEngeln seeing every car out of each of 24 stops to close a gate, then racing by invisibly at 60 mph in a cloud of dust to greet us in the next pit. Wild! Each reunion generally achieved from 100 to 200 miles; then we got left Sunday about 1 pm way out in the "sticks" somewhere. Leaders soon learned that the fewer the stops the better: 11 to 25 at first, but only 6 to 12 later.

The stops were lengthened when buses came in during the second half of our history. Parking, loading, and instruction were much easier and faster -- but buses don't get down the lousiest of roads so sometimes walks down logging and pit-access roads were longer. On Dick Flint's last "Friends" one bus even went off a bridge -- slowly, and just one wheel -- but we all crawled out gingerly! In an earlier venture (15th) with vans, one of the vehicles edged off-road into a juicy ditch; it was gloriously lifted out by 80 people. But buses and better highways made long trips feasible. Imagine 294 miles down the full length of Delaware (39th) or 237 miles in the Ridge and Valley Province of Pennsylvania (38th) all in a day and a half with long stops.

Leaders' Headaches

Biggest headache is "the guide." Of late, the guide has gotten very elaborate, long, and even some with a tape binding. It need not be this way for it is not intended as a publication; if anything it is a progress report. For the first nine reunions (1934 to 1946) participants were few enough that a sheet of hotel reservation-eating instructions, plus a list of stops with their particular importance, plus a few hand-outs did the trick. This record is very hard to reconstruct. As participation passed 50 however, and an increasing number joined late or left early, an actual mileage guide was added and even lists of anticipated attendance were printed (a very useful record compiled from returned "yes" cards). When buses became the mode of travel, mileage logs tended to get left out and that makes returning to the stops for sample collection or later comparison with your own area impossible. Anyway all are accompanied by an important reference or two that are important to read ahead of time. As early as reunion eight (1941) it was vital to



[Left to Right]

Top Row: Sheldon Judson (Princeton) [back view], Dick Goldthwait (Brown U),
Charlie Denney (Dartmouth), Dick Flint (Yale) [back view], Hugh Raup (Harvard Forest) [back view].

Bottom Row [back views]: Lou Currier (USGS-Boston), Dave Elston (Dartmouth),
Larry Goldthwait (U Maine), Arthur Knox (Harvard).



Kirtley Mather (Harvard)

May 1940

have John Rich's map and bulletin. And then came the 1980's when each guide was a bulletin. Nice work if you can get it done and paid for, but far too much to ask of an enterprising graduate student who has plenty to show!

The customary routine ever since the first meeting is for a day-and-a-half only, in May (except the 39th which was in early June). All of the real discussion is at the field stops -- that's the purpose. Both Saturday and Sunday lunches (Sunday optional) are picnics out-of-doors. Surprisingly only three or four Saturdays have had rain steady enough to force us under cover; once a church served us lunch! Originally each person brought his own bag lunch, but with buses the trend is to a box lunch in the package deal. Once when Sunday lunch was not available five of us returning west on Route 20 headed for Krebs Restaurant near Cazenovia, New York. The lady looked at us in field rags and boots, more or less covered with mud, and refused us! But with \$10 bills flashing we persisted, so they set up screens in one corner. Once ushered in we quietly ate them out of house-and-home.

Who is a "Friend"?

Don Chapman, Charlie Denny and I are now the only three of the survivors of the first two meetings who are still alive and kicking in the New England area today. I don't know about Linc Washburn, a student of Flint's then, who probably made the third meeting. Flint never encouraged his own good students to go (nor did he want mine). Linc is still in Seattle, and he helped form a splinter group there 30 years later. My private notations from the 7th Reunion on Cape Cod are the earliest list I can find.

The answer to the title is: "anyone who wants to be." But it is more than that. To stay on the mailing list you must attend now and then, and especially at first. Retiring leaders do weed us out some. As numbers grew a third requirement was expressed: "In keeping with past practice, preference will be given to active workers in the field." Crowding occurred first at the 15th reunion "way out" in Ohio. It was so far from earlier FOP trips and so expensive to fly there that we tried to get everything in Ohio free: the opening Friday "slumgullion" and beer at my house, free housing at a geology faculty home the first night, free riding in an Ohio State carry-all each day, etc. I predicted 30; "yes" cards came from 60; the first night 90 showed up at my house for dinner and my home slept 14 guests!

Oh yes, at the very start, and for most years, the wives (non-geological) were invited by common consent. Peggy Flint, Mildred White, and Edith Goldthwait all gathered for reunion #2 in 1935 and soon came to look forward to this regular spring outing. Of course they looked at scenery, farms, flowers, and birds at each stop. Peggy came to half of the springs until 1975, Edith dropped after 1939 due to health, and Mildred dropped after 1941 when George White moved "way out" to Ohio and Illinois. Most eastern reunions still average three to five wives. The maximum was ten in 1952 and 18 in 1972 when my wife Kay led a special

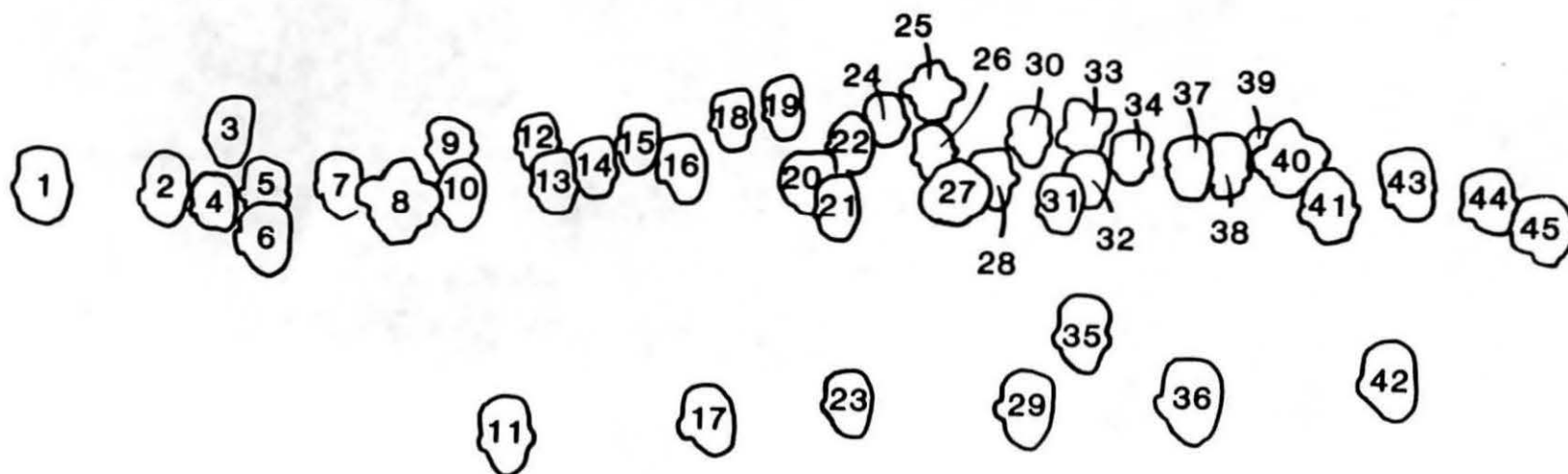
Photograph by John B. Lucke, Storrs, Connecticut, *Friends of the Pleistocene*, 1947.



1. Warren Gilman (Toronto)
2. Don M. Brown (OSU)
3. Charlie S. Denny
4. C.R. Jones
5. J. Spackman (Harvard)
6. Hugh M. Raup

7. Rodney Avenius (Syracuse)
8. Kirk Bryan (Harvard)
9. L.G. Reeds
10. Sid E. White (Tufts)
11. Philip Schafer (Brown)
12. Archie M. Watt

13. Lou W. Currier (USGS-Boston)
14. Peter Juengst (Syracuse)
15. W. M. Tovell
16. Earl T. Apfel (Syracuse)
17. R.C. Clement (Brown)
18. Roy E. Deane



19. K.E. Widmer
20. Mrs. R.E. Deane
21. H.E. Wright, Jr. (Harvard)
22. Paul MacClintock (Princeton)
23. Sheldon Judson (Harvard)
24. W.E. Benson
25. Dick Flint (Yale)
26. Dick P. Goldthwait
27. Mrs. L.C. Peltier (Bucknell)

28. Louis C. Peltier (Bucknell)
29. Bill M. Merrill (OSU)
30. Roger Colton (Yale)
31. Mrs. W. S. Cole (Cornell)
32. Mrs. H.E. Simpson
33. Robert O. Bloomer (Syracuse)
34. Harold Masursky
35. Richard C. Weast (Syracuse)
36. Norm Flint

37. W. Storrs Cole (Cornell)
38. H.E. Simpson
39. ?
40. O.D. von Engeln (Cornell)
41. L.W. Ploger
42. George E. Cressey (Syracuse)
43. Vic E. Schmidt (Cornell)
44. D.F. Putnam (Toronto)
45. Mrs. H.E. Wright (Harvard)

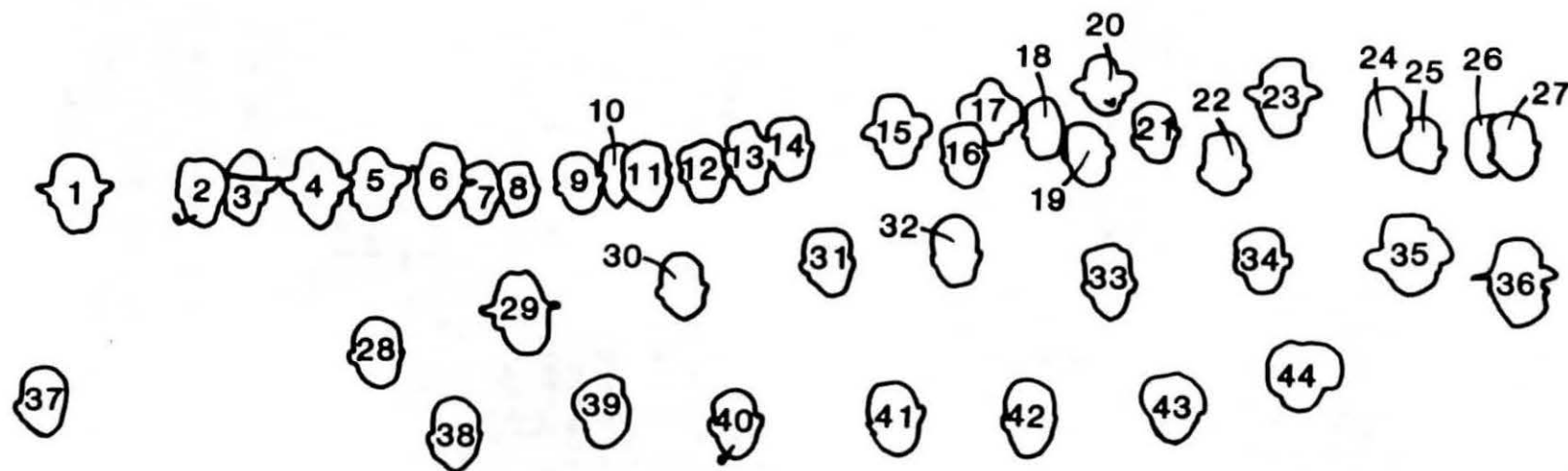
Photograph from Vic Prest taken in Toronto, Ontario, *Friends of the Pleistocene*, 1948.



1. Vic Schmidt
2. Ted Owen
3. Chuck Summerson
4. A.C. Smith
5. O.D. Von Engeln
6. W.P. Cross

7. Phil Schafer
8. Lyman Chapman
9. H.D. Zeller
10. Walt Tovell
11. Earl T. Apfel
12. R.C. Hodge

13. John Oxley
14. Sig Muessig
15. Tuzo Wilson
16. Liberty (?)
17. Dick Flint
18. Lionel Peckover



19. Don Chapman
20. Roy Deane
21. F. Langford
22. D.M. Brown
23. George White
24. Vic C. Prest
25. E.J. Schaefer
26. J.A. Haw
27. J.R. Jones

28. Charles E. Stearns
29. Alex MacLean
30. Dick P. Goldthwait
31. Ralph Bernhagen
32. John Elson
33. John F. Hall
34. Brian Birch
35. Archie Watts
36. Herb Armstrong

37. W.J.P. Cheswick
38. J.B. Graham
39. Madeline Fritz
40. Louis C. Peltier
41. Paul MacClintock
42. John Lucke
43. Helen Belyson
44. Lois Birch

tour for them on Saturday. Too bad our numbers made this a plan we could not push. Still, we have added more and more Pleistocene geologist ladies; starting with Althea Smith way back, and then "The Queen of the Pleistocene" Jane Forsyth (from 1952 on).

At the risk of insulting a few, here are the regular "pros" seen every year or every other year for two decades or more-- based on the only lists published in guides or sent by letter to me. Prizes for the longest-seen friendly faces -- over half of the 50 meetings -- go of course to Dick Flint* of Yale (#1 to #38), Charlie Denny of USGS (#2 to #38, and few since) and Dick Goldthwait of Ohio State (#2 to #43, and few since). Carl Kotteff of USGS is about to join this august group (#23 to #50) as is Jane Forsyth, Bowling Green (#10 to #50), and Louis Peltier of Bethesda (#6 to #51). Close behind them are a dozen "runners-up" who have made it more than 12 times: Art Bloom of Cornell (#23 to 41+), Don Chapman of UNH (#1-12 and 33-36), George Crowl* of Ohio Wesleyan (#23 to 41+), John Elson of McGill (#23 to 41+). Joe Hartshorn of U. Mass. (#23 to 50), Ernie Muller of Syracuse (#23 to 33+), Pierre LaSalle of U. Quebec (#24 to 41+), Walter Newman* of Queens (#24 to 36), Vic Prest of Geological Survey of Canada (#10 to 35+), Phil Schafer of USGS (#9-16 and 23-32), "HTU"*and/or Althea Smith of U. Mass. (#23-48+), Jan Terasmae of Brock (#23 to 36), Woody Thompson of Maine (#35 to 51) and Sid White of Ohio State (#13 to 43). These folks always came unless they were out of the East or had died.

Finally there are at least 25 "party faithful" for a lot of years (6 or more):

Gail Ashley, Rutgers
Bob Black*, U. of Conn.
Hal Borns, U. of Maine now NSF
Doug Byers, Peabody Foundation
Don Cadwell, Albany
Ed Ciolkosz, Penn State
Don Coates, Binghamton
Gordon Connally, Buffalo
Jesse Craft, Pittsburgh
Nelson Gadd, GSC
Cal Heusser, NYU
Shel Judson, Princeton

Norm Lasca, UW-Milwaukee
Bob Leggett, NRC Canada
Hulbert Lee, GSC
Pete Ogden, Ohio Wesleyan and Dalhousie
Bob Oldale, USGS
Meyer Rubin, USGS
Vic Schmidt, Brockport
Bill Sevon, Pennsylvania Geol. Survey
Les Sirkin, Adelphia U.
Byron Stone, USGS
Bob Stuckenrath, U. Pennsylvania
George White*, U. Illinois

*Deceased

Over the years we have had a core of these 25 to 35 regulars. In addition we always have another third attracted by the locality where the reunion is held, e.g., Ohio, or Ontario. A few more are attracted some years by the subject emphasized, e.g. glaciomarine, or glaciofluvial, or down-wastage (old), or till stratigraphy, or mountain glaciers.

Since Reunion #5 there have always been a few from closely related sciences: one to three soils men (Walter Lyford*, Jack Tedrow*, Ed Ciolkosz), or one to three palynologists (Cal or Linda Heusser, Jan Terasmae, Jock McAndrews), or a few ^{14}C men (Meyer Rubin, Pete Ogden, Bob Stuckenrath), a groundwater specialist (Glenn Prescott, Joe Upson), a botanist (Hugh Raup*, Ed Deevey, John Sanger), and maybe an archeologist (Doug Byers*, Dave Sanger). These all added real spice to the arguments. Rarely if ever has any glaciologist set us straight!

The Real Objective

From the very start "Friends" have argued vehemently. Often they flatly deny some conclusions of the leader, but they always depart friends. Each area visited was in the process of study when we saw it; it is not fully completed research with a final report. Most could benefit from the reunion critique. For a young "pro", as I was (7th and 15th), this can be a fearsome event, but it yielded such a good test of ideas, and a good hunch on further evidence that it proved very worthwhile. These and the 33rd reunion vastly improved my later reports. A second type of meeting has been explored a few times (12th and 18th). The only known evidence for an old unsolved problem was presented by an old pro. The "Friends" were presumed to solve this by their vote. We saw all the pits relating to Pensauken gravels and were supposed to write its origin. Not one did; after all, who would tell Paul MacClintock at Princeton the answer to what he lived on -- based on our day-and-a-half tour! The third type of meeting, at least seven times (2, 3, 4, 8, 24, 29, and 36), is when an old pro throws up a "controversial bone" on which he has already made up his mind. Nearly everyone comes with a mind of disbelief; if they go away muttering in their beards, the old pro probably presented unconvincing evidence.

Glacial geology and its related contributing sciences depend mostly upon circumstantial and detached evidence. Although we like to think we have found sure proof we must often work with multiple hypotheses. What we interpret as sure evidence today may prove with later work to apply to a different time or situation. The depth of leaching in Ohio tills, although used with caution for early correlations, proved in one situation at least to be due to different initial carbonate content. What is firm evidence today may indeed be on the scrap heap in a decade or two. Thus came comparisons, interrelationships, new kinds of evidence, new arguments or new ideas that were valuable to us all. It's great to see what the other guy is getting -- and feel that you can debate it all. Debate should be a requirement of every attending "Friend" -- otherwise don't load the numbers with onlookers!

Why Have We Come Again and Again?

What are some of the principal arguments which attracted us over the early (before 1955) years? Here are a few with one or two reunions where they were well argued:

1. Are Antev's varves annual, and are they correlatable between valleys? (1st)
2. Did the continental ice edge melt back systematically northward? Or was it disappearing southward over some areas? (2nd)
3. How broad was the thinning, decaying zone of stagnant ice? (4th)
4. Where did land rebound (tilt up) most? And were there hinge lines? (4th)
5. How do you distinguish a truly old drift from most recent ones? (6th and 11th)
6. The two-till problem in southern New England. (several)
7. Is the "exact" chronology which the radiocarbon revolution introduced consistent with other chronologies? And from area to area? (Midwest Group)
8. How rapidly did invading ice advance or retreat? (Midwest Group)
9. How many significant minor readvances are recorded in the retreat of the last major glaciation? (Midwest Group)

"Friends" All Over the Country

Throughout the half century of FOP growth, job opportunities have led old "Friends" far west from the original fold (beyond the Appalachians is considered "west" by the provincial fathers). Some of us headed to places like Ohio, Michigan, Wisconsin and Minnesota; obviously we wanted to gather in the same manner annually for the same ritual. Informally again, groups began to convene when the snow melted in the spring to discuss our own problems in a dozen states. In 1950, Al Schneider, Herb Wright, and Don Eschman got the Midwest Group going (Table 2). Later, Bill Wayne, Bob Ruhe, John Frye, and I did a lot. It stumbled a bit when the group got too large (over 75 trailing cars!), or the reports were too arduous (state bulletins), or it could not attract PhD students or faculty-assistants as volunteer leaders. Here and there a year was skipped. Even wives were eschewed here, and open public announcements were frowned upon; but the soils men came in droves and we resorted to busses. We always met in May after the field work of last summer had been "worked up".

[†]Pacific Group of FOP soon became the Pacific Cell and by 1980 the word "cell" spread to the Rocky Mountains. This author and some old-timers regret this spreading disease inasmuch as true Friends of the Pleistocene are neither restricted by any rules or organization (a cell is a small unit with walls) nor are they afflicted with any dictator or communist movement as that word has been used historically.

Very soon thereafter (1952) there appeared, unheralded, a Rocky Mountain Group[†] -- the first to meet regularly in the autumn (August to October). No doubt Jerry Richmond, John Montagne, and others played a part in getting this going (Table 3).

It started with studies of the sequence and timing of mountain and rock glaciers, but soon it evolved into more. It took in valley Quaternary events: faulting, landslides, ashfalls, river terraces, slope erosion and soil development. In the East it had been sea level, till types, and lake deposits, which had become important; in the Midwest it was buried vegetation, soils, loesses, and the thinning volcanic ashes which dominated. Not until the Pacific Coast Group sprang up in 1966 did volcanism, lahars, and desert soils creep in -- it took a decade to get over the mountains! No doubt Steve Porter, Linc Washburn and Don Easterbrook started it in the Puget Lowlands with glacial stratigraphy. The Cascade Mountains were handy, but it soon migrated to Sierra Nevada glaciations and desert fans, pans, and soils. Pete Birkland became a regular (Table 4). Now it's back on volcanics with the full gamut of volcano dynamics in the Cascades. They too, met in early Autumn, but still get along with private cars, campgrounds, and trail stops. Needless to say, as the main subject and region of focus changes, so does the manner of travel, the regular adherents, and the average age of devotees! Pacific Coast Cell specializes in student groups -- just the opposite of the original Eastern FOP.

Having gotten away from glaciers, the most recent development is two new groups in the South (below the Mason-Dixon Line). Heaven help us all if they ever find real glaciers in Texas! The first (1983) was an outgrowth from Rocky Mountain Group by Scott Burns of Louisiana Tech. The most recent are the Southeast Cell of FOP started in 1987 by Steve Kite and Bob Behling of West Virginia (Table 6), and South Central Cell in Louisiana-Texas (Table 5).



Photograph by Dick Gray taken in Art Bloom's back yard at the 35th reunion, *Friends of the Pleistocene*, 1972.

[Left to Right] OLD FRIENDS-Dick Goldthwait, George White, Dick Flint, Don Chapman.

The guidebooks of the Friends of the Pleistocene are listed chronologically in the Union List of Geologic Field Trip Guidebooks of North America, under the heading: Friends of the Pleistocene. The Union List not only lists the titles of the guidebooks, but also lists library holdings. The Union List is published by the American Geological Institute in cooperation with the Geoscience Information Society. The fourth edition lists holdings of fieldguides through 1979.

Table 1. Eastern, Original

FRIENDS OF THE PLEISTOCENE
ROSTER OF REUNIONS
1934 to 1988

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>	<u>Transport By Miles</u>	<u>Headquarters</u>	<u>Registration</u>	<u>Attendance</u>
1. 1934 May 25-27	*George White, *J. Walter Goldthwait and several others	Durham to Hanover, NH	car ~ 140	Durham, NH	\$0	4 1/2
2. 1935	*Dick Flint	New Haven to Hartford, CT	car	New Haven, CT	0	
3. 1936	*Kirk Bryan	S.E. RI and MA	car	Fall River, MA?	0	
4. 1937 May 21-23	*J.W. and Dick Goldthwait and *Dick Lougee	Hanover to Jefferson, NH	car ~ 140	Franconia, NH?	0	
5. 1938 May 6-8	Charlie Denny and *Hugh Raup	Black Rock Forest, NY	cars ~ 14	Cornwall-on-Hudson	\$3.00	
6. 1939 May 20-21	*Paul MacClintock and *Meredith Johnson	Drifts, N. NJ	cars ~ 40	Sussex Inn and Hackettstown	\$2.00	
7. 1940 May 18-19	*Kirtley Mather and Dick Goldthwait	W. Cape Cod, MA	cars ~ 90 15 stops	Falmouth motels		27
8. 1941 May 23-25	*John Rich	Catskill Mts., NY	cars ~ 13 13 stops	New Saulpaugh and Streeters Hotel		20+
- - - - - no meetings during 1942 to 1945 war years - - - - -						
9. 1946 June 1-2	*Lou Currier and *Kirk Bryan	Lowell-Westford area, MA	cars 19 stops	Lowell, MA		
10. 1947 May 23-25	*Earl Apfel	E. Finger Lakes, NY	cars 110 11 stops	Lincklaen House, Cazenovia	\$3.50	45

*Deceased

Table 1., Eastern, Original, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS - 1934 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>	<u>Transport</u> <u>By Miles</u>	<u>Headquarters</u>	<u>Registration</u>	<u>Attendance</u>
11. 1948 May 21-23	D. F. Putnam, Archie Watt, *Roy Deane	Toronto to Georgian Bay, ONT	cars 158 10 stops	Queens Hotel, Barrie		45+
12. 1949 May 20-22	*Paul MacClintock and *John Lucke	'Pensauken' problem, NJ	cars 11 stops	Nassau Tavern, Princeton	\$4.00	32+
13. 1950 May 26-28	*O.D. Von Engeln	Central Finger Lakes, NY	cars 24 stops	Statler Club, Cornell, Ithaca	\$3.00	
14. 1951 May 26-27	John Hack and *Paul MacClintock	Chesapeake, soils and stratigraphy, MD	cars 17 stops	Waldorf, MD		
15. 1952 May 23-25	Dick Goldthwait (Reported in <u>Science</u> , v. 116: p. 244, under News & Notes)	Tills, central Ohio	vans 195 15 stops	Faculty homes, Columbus Xenia Hotel	\$5.00	90+
16. 1953 May 22-24	*Lou Currier and Joe Hartshorn	Outwash sequences, Ayer quad., MA	cars 109 14 stops	Ayer, MA		75+
17. 1954 May 21-23	Charlie Denny and *Walter Lyford	Wellsboro-Elmira-Towanda, PA-NY	cars? 171 11 stops	Penn Wells Hotel, Wellsboro, PA		
18. 1955 May 20-23	*Paul MacClintock	Champlain Lake and sea, NY	bus ~ 108 16 stops	Franklin Hotel, Malone	\$5.00	70+
19. 1956 May 25-27	Nelson Gadd	St. Lawrence lowland, QUE	bus 200 8 stops	Manoir Drummond, Drummondville		
20. 1957 May 24-26	*Paul MacClintock and John Harris	St. Lawrence seaway, NY	bus 120 6 stops	Arlington Inn, Potsdam		
21. 1958 May 23-25	John Hack and John Goodlett	Appalachians, Shenandoah, VA	bus 67 8 stops	Belle Meade Hotel, Harrisonburg	\$10.00	
22. 1959 May 15-17	Alexis Dreimanis and Bob Packer	Lake Erie till bluffs, ONT	cars 191 10 stops	Huron College, Univ. W. Ont., London	\$10.000	

Table 1., Eastern, Original, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS - 1934 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>	<u>Transport</u> <u>By Miles</u>	<u>Headquarters</u>	<u>Registration</u>	<u>Attendance</u>
23. 1960 May 20-22	Ernie Muller	Cattaraugus Co., W. N.Y.	cars 135 10 stops	Dunkirk Conf. Grounds; Olean Hotel	\$11.65	123
24. 1961 May 19-21	Art Bloom	Marine clay and ice margins, S.W., ME	bus 121 11 stops	Lafayette Hotel, Portland	\$15.00	66
25. 1962 May 18-20	*Cliff Kaye and Phil Schafer	Charlestown moraine and vicinity, RI	bus 150 15 stops	URI, Kingston	\$4.25	84
26. 1963 May 24-26	Hulbert Lee	Lower St. Lawrence, QUE	bus 93 13 stops	Hotel St. Louis, Riviere-du-Loup		67
27. 1964 May 22-24	*Cliff Kaye	Martha's Vineyard, MA	bus 50	Katama Shores, "The Dunes"	\$30.00	89
28. 1965 May 21-23	Joe Upson	Northern Long Island, NY (reported in <u>The New York Times</u> , May 27, 1965)	bus 10 stops	Woodbury Hotel, Woodbury	\$15.00	
29. 1966 May 20-22	Nick Coch and Bob Oaks	Scarps and strati- graphy, S.E. VA	bus 17 stops	Sunset Manor Motel Chesapeake	\$17.00	
30. 1967 May 19-21	Hal Borns	Marine and moraines, E. ME	bus	Bluebird Motel, Machias		
31. 1968 May 24-26	Carl Koteff, Bob Oldale, Joe Hartshorn	E. Cape Cod, MA	bus	Seashore Park Motor Inn, Orleans	\$12.00	125
32. 1969 May 23-25	Nelson Gadd and Barrie McDonald	Sherbrooke area, QUE	bus 177	Univ. Sherbrooke		82
33. 1970 May 22-24	Dick Goldthwait and George Bailey	Mt. Washington region, NH	van + bus 51	AMC Pinkham Notch Camp	\$33.00	69
34. 1971 May 19-24	Gordon Connally	Upper Hudson, Albany, NY	bus	The Georgian, Lake George Village		104

Table 1., Eastern, Original, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS - 1934 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>	<u>Transport By Miles</u>	<u>Headquarters</u>	<u>Registration</u>	<u>Attendance</u>
35. 1972 May 19-21	Art Bloom and Jock McAndrews	Central Finger Lakes, NY	bus 52 9 stops	Ithaca College, Ithaca	\$26.00	105
36. 1973 May 18-20	Don Coates and Cuchlaine King	Susquehanna and Oswego Val., NY-PA	bus 124 12 stops	Hinman College, SUNY Binghamton	\$29.00	92
37. 1974 May 17-19	Bill Dean and Peter Duckworth	Oak Ridges-Crawford Lake, ONT	bus 54 13 stops	Univ. Toronto	\$39.00	
38. 1975 May 9-11	*George Cowl, Gordon Connally, Bill Sevon	Lower Delaware Valley, PA	bus 237 11 stops	Penn. Stroud. Hilton, Stroudsburg		67+
39. 1976 June 4-6	Bob Jordan and John Talley	Coastal Plain, DE	bus 294 11 stops	Clayton Hall, Univ. Delaware, Newark	\$65.00	
40. 1977 May 20-22	Bob Newton and Joe Hartshorn	Ossipee quad., NH	bus 94 11 stops	Red Jacket Motor Inn, Conway	\$78.00	
41. 1978 May 5-7	Denis Marchand and Ed Ciolkosz	Central Susquehanna Valley, PA	bus 190 10 stops	Bucknell University Lewisburg	\$27.00	76?
42. 1979 May	Jesse Craft	N.E. Adirondack Mts., N.Y.	bus	?		
43. 1980 May	Bob LaFleur and Parker Calkin	Upper Cattaraugus, Hamburg, N.Y.	bus 83 11 stops	?		
44. 1981 May	Carl Koteff and Byron Stone	Nashua Valley, MA	bus	Holiday Inn, Leominster	\$37.00	89
45. 1982 May	Pierre LaSalle and others	Drummondville, QUE	bus 5 5 stops	Manoir Drummond		
46. 1983 May	Woody Thompson and Geoff Smith	Ice margins, central ME Augusta-Waldeboro	bus 107	Holiday Inn, Augusta	\$43.00+	87

Table 1., Eastern, Original, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS - 1934 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>	<u>Transport</u> <u>By Miles</u>	<u>Headquarters</u>	<u>Registration</u>	<u>Attendance</u>
47. 1984 May 18-20	Peter Clark and J. S. Street	St. Lawrence lowland, Massena- Malone, NY	bus ~ 180 8 stops	Flanders Inn, Malone		
48. 1985 May 3-5	Ed Evenson and others	Great Valley, NJ-PA	bus 10 stops	Americana Great Gorge Hotel, McAfee, NJ		
49. 1986 May 23-25	Tom Lowell and Steve Kite	Northernmost ME	bus 117 9 stops	Crocker Hall, U of ME, Fort Kent	\$99.00	72
50. 1987 May 7-9	Carl Koteff, Janet Stone, Fred Larsen, Joe Hartshorn	Lake Hitchcock, CT Valley, CT-MA	bus ~ 150 10 stops	Northampton Hilton, MA	\$50.00	128
51. 1988 May 27-29	Bill Brennan, Duane Braun, Ernie Muller, Dick Young	Genneseo, NY	bus	SUNY-Genneseo, NY	\$50.00	

Table 2. Midwest Group

**FRIENDS OF THE PLEISTOCENE
ROSTER OF REUNIONS
1950 to 1988**

List gathered by Al Schneider, Jane Forsyth, Charlie Rich and Dick Goldthwait.
Some in parens not numbered in guide when held.

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
1. 1950	Shel Judson	Eastern WI Pleistocene
2. 1951	Herb Wright and Bob Ruhe	Southeast MN
3. 1952 May 10	Paul Shafer and H. W. Scholtes	Western IL and eastern IA, Tazewell drift
May 23-25	Dick Goldthwait	Combine with Eastern Group (#15) in southwestern OH overlapping tills
(4.) 1953 May 23-24	Fred T. Thwaites*	Northeastern WI
(5.) 1954 May 28-30	Herb E. Wright and Al F. Schneider	Central MN
6. 1955	Bob V. Ruhe and students	Southwest IA loessial soils in Potawatami, Cass, and Adair Counties
(7.) 1956 May 11-13	Jim H. Zumberge, Steve Spurr and Bill (Wilton) Melhorn	Northwest Lower Penninsula, MI
8. 1957 April 26-28	Bill D. Thornbury* and Bill J. Wayne (Fieldguide and road log for study of Kansas, Illinoian and early Tazewell tills, loesses and associated faunas in south-central Indiana)	South central IN, Tazewell-Illinoian-Kansan tills and loesses
9. 1958 May 17-18	W. Laird and staff	East-central ND

*Deceased

Table 2., Midwest Group, **FRIENDS OF THE PLEISTOCENE**, ROSTER OF REUNIONS, 1950 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
10. 1959 May 9-10	Bob F. Black*	West-central WI, "Driftless area"
11. 1960	Allan F. Agnew and staff	Eastern SD
12. 1961	Con Gravenor* and others	Eastern Alberta, Edmonton
13. 1962 May 12-13	Dick Goldthwait and Jane Forsyth	Central and southwest OH. (Evidence of "Early Wisconsin" in central and southwest OH)
14. 1963 May 11-12	John Frye* and H. Bo Willman*	West IL loess stratigraphy and accretion gleys
15. 1964 May 16-17	Herb E. Wright and Ed J. Cushing	Eastern MN till provenance and character
16. 1965 May 15-16	Bob V. Ruhe and staff	Northeast IA, the Iowan problem
17. 1966	Gene (E.C.) Reed and staff	Eastern NB, older multiple glaciations and periglacial paleosols.
18. 1967 May 19-21	Lee Clayton and T. I. Freers	South Central ND, Missouri Coteau area ice demise
1968	No field conference	
19. 1969	W. Kupsch	Cyprus Hills, Saskatchewan-Alberta Glaciations/paleosols
1970	No field conference	
20. 1971	C. K. Boyne	KA-MO border
21. 1972 May 12-14	W. Hilt Johnson and others	East central IL, Woodfordian stratigraphy

Table 2., Midwest Group, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS, 1950 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
22. 1973 June 1-3	Ed. B. Evenson and students	Lake Michigan Basin, Valderan problem
1974	No field conference	
23. 1975	W. H. Allen and staff	Western MO, Ozarks, paleoenvironments
24. 1976 May 22-23	C. K. Bayne and staff	Mead Co., Kansas, stratigraphy and faunal sequences
1977	No field conference	
25. 1978 May 19-21	Bob V. Ruhe and C. G. Olsen	Southwestern IN, loess stratigraphy
26. 1979 May 4-6	Leon R. Fullmer and staff	Central IL, Wisconsinan-Sangamonian-Illinoian
27. 1980 May 30-31 and June 1	G. R. Hallberg and Tim Kemmis	Type Yarmouth IA area and Yarmouth/Sangamon Paleosols
28. 1981 May 29-31 Called 30th by mistake	Wendy Burgess and Don Eschman	Northeastern Lower MI, ice flow patterns and sequence
29. 1982 May 22-23	Jim Knox and others	Southwestern WI, Driftless Area
30. 1983	Ned K. Bleuer and others	Western IN Wabash Valley, jokullaups from Erie Basin.
31. 1984 June 2-3	R. W. Baker	Western WI
32. 1985 May 18-19	C. R. Berg and staff	North-central IL

Table 2., Midwest Group, FRIENDS OF THE PLEISTOCENE, ROSTER OF REUNIONS, 1950 to 1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
33. 1986	W. C. Johnson and staff	Northeastern KA
34. 1987 May 15-17	Stan Totten, Barry Miller, John Szabo, Rene Fernandez, Chris Viani (reported in <u>Ohio Geology Newsletter</u> , Fall 1987, p. 6)	North central OH, Pre-Woodfordian stratigraphy
35. 1988 May 20-22	Grahamme Larson and G. W. Monaghan	Southwestern MI, Gull Lake area near Kalamazoo

Table 3. Rocky Mountain Section

FRIENDS OF THE PLEISTOCENE
ROSTER OF REUNIONS
 1952 to 1988

Organized by Gerry Richmond in May, 1952, at Rocky Mountain Section meeting of GSA in Salt Lake City.
 List gathered by David S. Fullerton, USGS.

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
1. 1952 Oct. 4-5	Jerry Richmond	Rocky Mountain National Park, CO
2. 1953 Oct. 3-4	Jerry Richmond (Reported in <u>Science</u> , v. 117, no. 3034, p. 177-178)	Twin Lakes area, CO
3. 1954 Oct. 9-10	S. H. Knight	Medicine Bow-Laramie area, WY
1955	No field conference	
1956	No field conference	
1957	No field conference	
4. 1958 Sept. 5-7	J. D. Love, John Montagne	Jackson Hole area, WY
5. 1959 Sept. 12-13	Jerry Richmond	Pinedale and Lander areas, WY
6. 1960 Sept. 10-11	Henry D. Goode, Roger B. Morrison	Little Cottonwood Creek area, Salt Lake Country, UT
7. 1961 Aug. 25-26	J. Stewart Williams, R. C. Bright, Wilfred J. Carr, Donald E. Trimble, Allan D. Willard, Verlyn Parker	Bear Lake Valley, UT-ID, to American Falls, ID

Table 3., Rocky Mountain Section, **FRIENDS OF THE PLEISTOCENE**, ROSTER OF REUNIONS, 1952-1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
8. 1962 Aug. 24-26	Harold E. Malde, Howard A. Powers, Dwight W. Taylor	Twin Falls to Glenns Ferry, ID (Snake River Canyon)
9. 1963 Aug. 23-24	John M. Good, J. D Love, John Montagne	Madison River Valley and Yellowstone River Valley from Hayden Valley to Pine Creek
1964	No field conference	
10. 1965 Aug. 28-30	Roger B. Morrison	Upper Gila River region, NM-AZ
11. 1966 Aug. 26-28	John W. Hawley, Leland H. Gile	Rio Grande region (Las Cruces), southern NM
12. 1967 Aug. 25-27	Harold E. Malde	Western Snake River Plain, ID
13. 1968 Sept. 21-22	C. Vance Haynes, Larry Aggenbroad, Peter J. Mehringer, Paul S. Martin, Everett C. Lindsay, William W. Wasley, E. Thomas Hemmings	San Pedro Valley and Murray Springs archeological site, AZ
14. 1969 Oct. 4-5	Richard Van Horn, Edward C. Weakly	Jordan Valley, UT
15. 1970 Oct. 2-4	Troy L. Péwé, R.G. Updike	San Francisco Peaks (Flagstaff area), AZ
16. 1971 Oct. 9-10	Michael F. Sheridan	Bishop-Mono Lakes area, CA
17. 1972 Sept. 9-10	Glenn R. Scott, Richard Taylor, Rudy C. Epis	Cañon City-Westcliffe area (Wet Mountain Valley), CO

Table 3., Rocky Mountain Section, **FRIENDS OF THE PLEISTOCENE**, ROSTER OF REUNIONS, 1952-1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
18. 1973 Sept. 15-16	Peter W. Birkeland, Ralph R. Shroba, James C. Yount	Mt. Sopris-Thomas Lakes area, CO
19. 1974 Sept. 6-7	John Montagne, Cliff Montagne, Ken Pierce, Leslie Davis	West Yellowstone-Gallatin River-Three Forks area, MT
20. 1975 Oct. 17-18	C. C. Reeves, Jr., James Goolsby, Charles Johnson, Eileen Johnson, John Hawley	Southern High Plains, TX
21. 1976 Aug. 27-28	Chester Beaty, René Barendregt, John Dormaar, Stuart Harris, Archie Stalker	Plains of southern Alberta
22. 1977 Aug. 2-3	B. Miles Gilbert	Natural Trap Cave, Lovell, WY
23. 1978 July 29-30	L. D. Agenbroad	Hot Springs Mammoth site, SD
24. 1979 July 9-10	George C. Frison	Agate Basin archeological site, WY
1980	No field conference	
25. 1981 Sept. 19-20	Alan R. Nelson, Lucy A. Piety, Ralph R. Shroba	Roaring Fork Valley, Twin Lakes and Chalk Creek areas, central CO
26. 1982 Sept. 17-19	William E. Scott, Michael N. Machette, Ralph R. Shroba, William D. McCoy	Little Valley, Jordan Valley, and Beaver Basin, UT
27. 1983 Aug. 26-28	Brian Atwater, Richard Waitt (joined with Pacific Coast Groups)	Glacial Lake Columbia basin, WA
	Steve Colman, Ken Pierce, Maynard Fosberg	McCall area, ID

Table 3., Rocky Mountain Section, **FRIENDS OF THE PLEISTOCENE**, ROSTER OF REUNIONS, 1952-1988 (Cont'd.)

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
28. 1984 Aug. 10-11	Marith Reheis, Dale Ritter, Robert Palmquist	Northern Bighorn Basin, WY-MT
29. 1985 Sept. 19-20	Mary Gillam, Robert Blair	Animas Valley, CO-NM
30. 1986 Sept. 6-7	William Locke, Grant A. Meyer, Wayne Hamilton, John Montagne, David B. Nash, Steven F. Personius, Kenneth L. Pierce, Gerald M. Richmond	Yellowstone National Park, WY-MT-ID
31. 1987 Oct. 8-11	Dave Dethier, Chuck Harrington, John Hawley, Paul Karas, Keith Kelson, Dave Love, Chris Menges, Steve Wells, John Wesling, Ralph Shroba	Northern Rio Grande Rift, NM
32. 1988 Oct. 14-15	Larry Anderson, Lucy Piety, Dale Nations, Jim Faulds, Joel Sturm, Cathy Wallendorf	Tonto Basin, central AZ

Table 4. Pacific Coast (Group) Cell

FRIENDS OF THE PLEISTOCENE
ROSTER OF REUNIONS
1965 to 1988

Formed by Steve Porter with Linc Washburn (early Eastern "Friends" and students of Dick Flint assisting) in 1965 at the conclusion of INQUA Field Conference A, in Bellingham, WA. List from A. Lincoln Washburn and William E. Scott.

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
1. 1966 Sept. 24-25	Don Easterbrook	Pleistocene geology of Puget and Fraser Lowlands, WA
2. 1967 Sept. 23-24	George Smith, Estella Leopold, and Davis	Pluvial history of Searles Lake, CA
1968	No field conference	
3. 1969 Sept. 27-28	Steve Porter	EC Cascade Range, Yakima and Icicle Creek Valleys, WA
4. 1970 Oct. 9-10	Dick Janda	Cape Blanco sediments and terraces, OR
5. 1971 Sept. 11-12	Bob Curry	Mammoth Lakes Area, Sierra Nevada, CA
6. 1972 Oct. 6-8	Dave Adams, Dennis Burke, Jon Cummings, and eight others of USGS	San Francisco Bay Area, CA, late Cenozoic geomorphic and tectonic processes
7. 1973 Sept. 8-9	D. Rocky Crandell, Don Mullineaux, and Jack Hyde (USGS)	Mount St. Helens, WA, stratigraphy and eruptive history
1974	No field conference	
8. 1975 Nov. 21-22	Jeff Bada, George Carter, Dennis Nettleton, and George Borst	San Diego coastal area, CA
9. 1976 Oct. 30-31	Stan Berryman, Wendell Duffield, Glenn Roquemore, and William Page	China Lake site, CA, archeology and tectonics

Table 4. Pacific Coast (Group) Cell, **FRIENDS OF THE PLEISTOCENE**, ROSTER OF REUNIONS, 1965 to 1988 (Cont'd.)

	<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
	1977	No field conference	
10.	1978 Nov. 10-12	George Smith, Roger Smith, and Roger Hooke	Pluvial lake history of Searles, Panamint and Death Valleys, CA
11.	1979 Aug. 22-26	R. M. "Bud" Burke, Pete Birkeland, and Jim Yount	Central Sierra Nevada, CA, Holocene relative- age-dating methods
12.	1980 Sept. 18-20	Richard Waitt, Jr.	Ice-sheet flooding in a portion of Columbia River Valley, WA
13.	1981	Ed Keller, T. K. Rockwell, G. R. Dembroff, Andre Sarna-Wojcicki, Ken Lojoie, Robert Yerkes, Malcolm Clark and D.L. Johnson	Quaternary tectonic deformation of Transverse Ranges, CA
14.	1982 Aug. 5-8	Deborah Harden, Donna Marron, and Anne MacDonald	Northern CA coast, Humboldt Basin, late Cenozoic deformation and stratigraphy
15.	1983 Aug. 26-27		Joined Rocky Mountain Group (27th) in ID or WA
16.	1984 Oct. 12-14	Scott Stine, Spencer Wood, Kerry Sieh, and Dan Miller	Mono Lake and volcanic chain in eastern Yosemite, CA
17.	1985 Oct. 25-27	G. Robert Hale, John Ritter and John Dohrenwend	Quaternary of Eastern Mojave Desert, CA
18.	1986 Oct. 31-Nov. 2	Roland Brady III, Paul Butler, and Bennie Troxel	Quaternary of Southern Death Valley, CA
19.	1987 Sept. 18-20	Jon O. Davis and Bob Negrini	Pyramid Lake, Black Rock and Smoke Creek Deserts, NV, stratigraphy and paleomagnetism
20.	1988 Sept. 8-10	Willie Scott, Cynthia Gardner, Andre Sarna-Wojcicki, Ed Taylor and Brit Hill	Cascade Mountains, OR, Pleistocene-Holocene tephra and pyroclastics

Table 5. South Central Group

**FRIENDS OF THE PLEISTOCENE.
ROSTER OF REUNIONS
1963 to 1988**

Formed by Scott Burns (LA Tech) as a result of training in CO (Rocky Mountain Friends). List from Scott Burns.

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
1. 1983	Vance Holliday	Symposium at Texas Tech., Llano Estacado, TX
2. 1984	Tom C. Gustavson	Quaternary stratigraphy of Rolling Plains, TX Panhandle
3. 1985	B. J. Miller, G. C. Lewis, J. J. Alford, W. J. Day and Scott F. Burns	Loesses in LA and at Vicksburg, MS
4. 1986	Joann Mossa and Whit Autin	Stratigraphy of Florida Parishes, southeast LA
5. 1987	C. R. Ferring, A. J. Crone, S. A. Hall, K. V. Luza and Dick Madole	Quaternary stratigraphy, neotectonics, and archeology of southwest OK
6. 1988	Richard Birdseye and Saul Aronow	Quaternary geology of southwest LA and southwest TX

Table 6. Southeast Group

FRIENDS OF THE PLEISTOCENE
ROSTER OF REUNIONS
1963 to 1988

Formed by Steve Kite and Bob Behling (WV) by letter in October, 1985.

<u>Reunion</u>	<u>Leader(s)</u>	<u>Area</u>
1. 1987 Nov. 6-8	Steve Kit, Ron Linton, Andy Miller, Bob Jacobson, Mark McCoy, John Harper, G. Mike Clark, and others	Late Cenozoic of Potomac Highlands, Canaan Valley Park, WV
2. 1988 Nov.	Wayne Newell, John Farnsworth, John Wykoff, Jim Owens and Chris Smith	Cenozoic of NJ Coastal Plain