

The 2003 Big Day Report

Welcome to the 2003 summation of Big Day reports. One of the greatest tests in birding is to attempt a Big Day, where birders employ their honed identification skills, distribution and habitat knowledge, and erudition of timing and weather patterns to try to amass the highest number of birds on a given day. Many folks attempt such perceived lunacy for the sheer competitiveness of it; others do it just for fun and may not have attempted to actually conduct a Big Day, but rather simply had a marvelous day of birding. I compliment those brave souls who accomplished such a feat in 2003. Some, as in the case of David Simpson, who endeavored to do 20 Big Days in Florida last year alone, were truly possessed with the Big Day bug.

New Big Day champions were crowned in 2003 for four states, one province, and one country. Tom Hince and Paul Pratt wrangled five additional species to set the new Quebec record at 166. The new Montana best Big Day total rose a remarkable 11 species to 192, thanks to the diligence of Bob Kemp and Ron Weeks. A mere one species was enough to elevate Don Harris and Brendan Klick to new champions in New York, when they tallied 202 species in May last year. Jeffrey Palmer and Robb Schenck set the new goal for South Dakota, upping the previous record by five species to establish a new record of 175 for that state. Lastly, the great team of Royde Haas, Wil Leurs, Leo Heemshelk, and Jan van der Laan set the new Big Day record for The Netherlands with a total of 190 species. Congratulations to all the new Big Day champions!

Pre-2003 Big Days

For the most part, this compilation is based on Big Day reports submitted in 2003. Big Days conducted in prior years were submitted in 2003 and have been included within this report as well (see Florida #1, Massachusetts #1, Oregon #1, Virginia #1 and 2, Washington, DC, and Chile).

Big Day Report Submissions

Past Omissions

We respectfully apologize to Randy Hoffman and Al Shea for inadvertently not publishing their narrative submission from 2002, though their totals were entered into the various cumulative tables. In May 2002 the team tallied

an astounding 230 species in Wisconsin, beating the old state record by 10 species (see Wisconsin #5). The total 230 species is the highest count for any inland state and rivals that of coastal states. That same year the same team beat the previous March and September records for Wisconsin and the narratives for those counts have been included within this year's synopsis as well. Congratulations to Randy and Al!

Minor Changes

As the official name of Newfoundland was recently changed to "Newfoundland and Labrador", the abbreviation for that province has been changed to NL, instead of NF, as previous.

2003 Big Day Contender's Table

% Target Total >95%
Listed in Descending Order

Area	Date	Total	Pct. TT	Rank
SD	14-May	175	105.61%	1
QC	2-June	166	105.06%	2
KS	13-May	220	103.14%	3
NY	18-May	202	103.06%	4
RI	29-May	154	101.12%	5
VT	26-May	157	100.64%	6
MT	2-Jun	192	97.96%	7
VT	7-Aug	151	96.79%	8
OR	13-May	206	96.40%	9
VA	5-May	158	96.34%	10
FL	2-May	165	95.76%	11
IN	17-May	170	95.13%	12

Explanation of Terms

Species of Note: A Species of Note is either one that you didn't expect to get but did, or one that you counted on but failed to see.

In the former category are birds you considered you had virtually no chance of seeing during your Big Day. A **Vagrant (V)** is any species which occurs less than annually in the state, province, or country of your Big Day; a **Rare**

2003 U.S. BIG DAYS

(R) species is less than annual along your chosen route, but may be more common elsewhere in your state, province, or country; an **Early** (E) or **Late** (L) species is one that is Rare due to being unusually tardy or early. An (S) in the accounts indicates that the rarity or vagrant had been **Staked Out** prior to the Big Day. A (#) indicates an usually high number of any particular species.

In the latter category are birds that you consider virtually guaranteed, such that you did not specifically plan for them on your Big Day. These are Code 2 birds (no one should ever miss a Code 1 bird). More quantitatively, a **Big Miss** (M) is a species you had a 95% or better chance of seeing along your route at that time of year (i.e., you expect to see the species on at least 19 attempts out of 20), but which you inexplicably missed.

Target Totals: To compare the relative result of each individual count, a TARGET TOTAL (TT) for each province and state is calculated. The TT is the average of the top three counts for a given region, up until the end of the previous year. They can be found in the Champion Big Day summary tables. TTs are not calculated for counts that are intrinsically uncompetitive due to imposed restrictions (single-county, walking, etc); that take place outside the "ideal" time of year; or whose Grand Total is less than 75% of the TT.

Abbreviations:

CA – Conservation Area
Co – County
CP – County Park
Hr – Harbor
Is – Island
Mtn – Mountain
NF – National Forest
NP – National Park
NWR – National Wildlife Refuge
PP – Provincial Park
Pt – Point
R – River
Res – Reservoir
SF – State Forest
SL – Sewage Lagoon/Pond/Plant
SP – State Park
SWA – State Wildlife Area
WMA – Wildlife Management Area
WR – Wildlife Refuge/Area/Sanctuary
WTP – Water Treatment Plant

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ALABAMA – 27 Dec 03- 0552 to 1715 – Species Totals 84/83; (Team/Shared): Jim Hiett 84, Sharon Hiett 84, Pam Lasley 83, Steve Lasley 84. 179 Miles by car, 2 miles by foot. *Visiting: Lake Guntersville, Guntersville Dam, Wheeler NWR. Species of note: Bald Eagle(M), Wood Duck(M), Bonaparte's and Herring Gull(M); Forster's Tern(M), Winter Wren(M).*

Besting last year's record of 80 by starting at Guntersville and driving back to Wheeler worked, but hitting our goal of 100 was not to be. We missed 17 species that we had in 2002 in the same area, giving us encouragement that 100 is a possible goal.

ARKANSAS – 24 Nov 03- 0730 to 1730 – Species Totals 70/67; (Team/Shared): A. McAndrews 70, Dan Small 69, Maren Gimpel 68. 85 Miles by car, < 1 mile by foot. *Visiting: Fort Chaffee Maneuver Training Center. Species of note: None.*

Comments: This beats the old November record by 70 species.

COLORADO #1 – 03 Oct 03- 0530 to 1930 – Species Totals 98/98; (Team/Shared): Brandon Percival 98, Mark Peterson 98. 272 Miles by car, 2 miles by foot. *Visiting: Plains counties of Crowley, Otero, Bent, Kiowa, and Lincoln. Species of note: Horned Grebe (E), Peregrine Falcon (R), American Golden-Plover (R), Sabine's Gull (R), Red-naped Sapsucker (R on the Plains), Hammond's Flycatcher (R on the Plains), Magnolia Warbler (R), White-throated Sparrow (R).*

We did this Big Day to scout for the real Big Day the following day. We only scouted parts of our route and only birded on the Plains.

COLORADO #2 – 04 Oct 03- 0615 to 2000 – Species Totals 120/117; (Team/Shared): Brandon Percival 119, Mark Peterson 120, Lisa Edwards 117. 295 Miles by car, 2 miles by foot. *Visiting: Mtns in El Paso Co, Big Johnson Res., Pueblo West, Pueblo Res., Valco Ponds in Pueblo, Pueblo City Park, Lake Henry, Lake Holbrook, Lake Cheraw, Rocky Ford area. Species of note: Horned Grebe (E, S), Snowy Egret (L), Snow Goose (E, S), Canvasback (E), American Golden-Plover (R), Willet (L), Lesser Black-backed Gull (R, S), Sabine's Gull (R, S), Common Tern (R, S), Common Poorwill (L), Northern Mockingbird (L, S), White-throated Sparrow (R).*

We wanted to break the previous Colorado October Big Day record, which was 110 species. We broke that record by 10 species.

CONNECTICUT – 26 Jan 03- 0330 to 1830 – Species Totals 103/102; (Team/Shared): Ed Hagen 103, Greg Hanisek 102, Mark Szantyr 103, Dave Tripp 103. 270 Miles by car, 2 miles by foot. *Visiting: New Hartford, Aver Pt., Connecticut R, Hammonasset SP, New Haven,*

Stratford. Species of note: King Eider (V), Merlin (L), Wilson's Snipe (L), Long-eared Owl(V), Gray Catbird (L), Lincoln's Sparrow (L).

Comment: The team had 24 waterfowl species, six owls, and seven shorebirds, which is an excellent total compared to January records for states nearby.

DELAWARE #1 – 19 Jan 03- 0745 to 1700 – Species Totals 89/87; (Team/Shared): Colin Campbell 88, Alison Ellicott 87, Scott Henderson 88. 250 Miles by car, 1 mile by foot. *Visiting: Silver Lake, Indian R inlet, Cape Henlopen SP, Oyster Rocks Road, Prime Hook NWR, Cedar Creek Mill Pond, Little Creek WMA, Port Mahon, Cartanza Road, Bombay Hook NWR. Species of note: Merlin (R), Wilson's Snipe (R), Bonaparte's Gull (M), Forster's Tern (M), Tufted Titmouse (M), Brown Thrasher (R), Eastern Towhee (M), Saltmarsh Sharp-tailed Sparrow (R).*

We had to hold up one hour at Cedar Creek Mill Pond to determine if a female goldeneye with an all yellow bill was a Barrow's. It eventually flew and it was not.

DELAWARE #2 – 27 Jan 03- 0640 to 1700 – Species Totals 73/73; (Team/Shared): Ted Drozdowski 73. 155 miles by car, 1.5 miles by foot. *Visiting: Little Creek WMA, Port Mahon Road, Bombay Hook NWR, Prime Hook NWR, Cape Henlopen SP, Indian R Inlet, Cedar Creek Mill Pond. Species of note: Tufted Titmouse (M), Brown-headed Cowbird (M), only 4 crows all day (low #).*

Delaware is a great birding state, albeit a small one. With only three counties, the state gets covered thoroughly by the army of birders that is the DOS; the Delmarva Ornithological Society. So I was surprised to see so many holes in the monthly totals for Delaware in the ABA Big Day and List Report.

On January 27, 2003, I planned to try a Big Day in Delaware. Unfortunately, it turned out to be what was regarded as the second-coldest day in nine years along the mid-Atlantic seaboard. The high for the day was in the low 20s, wind chills never made it out of the single digits.

I started the day at dawn on the pier along Port Mahon Road. Wiping the tears from my eyes, I was hoping to get Short-eared Owl, Northern Harrier, and possibly a Snowy Owl. Only the harrier showed up and I was wondering what I was doing standing exposed on a pier with wind chills well below zero. I picked up American Black Duck, Dunlin, Swamp, Song, and American Tree Sparrows. There was a steady stream of Ring-billed, Herring, and Great Black-backed Gulls. Next stop was Little Creek WMA. At Little Creek I was hoping to get some of the expected passerines. I got a Northern Flicker, Downy and Red-bellied Woodpeckers, Gold- and House Finches, Brown Creeper, Cedar Waxwing, Junco, Carolina Chickadee, and Carolina Wren, and my only expected warbler; Yellow-rumped. I also got Eastern Screech-Owl, Bald Eagle, and a Red Fox; not the sparrow but a Fox. Driving to Bombay Hook, I was slowed down by dust-blows coming off the agricultural fields that dominate central Delaware. The wind was gusting at over 30 mph.

Bombay Hook NWR was in a deep freeze with very little open water. I still managed 19 species including Horned Lark, American Pipit, Savannah Sparrow, Eastern Bluebird, Great Blue Heron, Turkey Vulture, Red-tailed Hawk, and a Belted Kingfisher. Waterfowl was scarce, but I did get Canada and Snow Geese, Tundra Swans, Double-crested Cormorant, Bufflehead, and Hooded Merganser. I would have to hope to find more open water elsewhere.

Cedar Creek Mill Pond gave me four more species of waterfowl; American Wigeon, American Coot, Ring-necked Duck and Pied billed Grebe. It was then that tragedy struck. While scanning the pond, I briefly left my scope unattended to go back to my van and get my earmuffs. When I turned around to return to my scope it was lying in the road, the eyepiece was busted and scattered in the highway. The wind gusts were so strong that I never heard what was probably a sickening sound. Good thing it was just a Spacemaster! I fiddled with the eyepiece and got it to work but it was definitely broken and I had to really "baby it" or it would come apart. From there I decided to skip Prime Hook NWR, hoping to come back to it on my way home.

Silver Lake in Rehoboth gave me Mallard, Northern Shoveler, and Ruddy Duck. I was hoping for more than that. I was clearly banking on Indian R Inlet to give me a large boost of waterfowl. At Indian R Inlet, the stiff ocean breeze coupled with an eyepiece that had to be held together made the scanning rather cumbersome. However, I managed to pick up 15 species quickly: Bonaparte's Gull, Great Cormorant, Sanderling, Purple Sandpiper, Ruddy Turnstone, Red-breasted Merganser, Long-tailed Duck, Greater Scaup, Brant, and one nice male of each species of scoter swimming through the inlet. Very nice looks at all three scoters in the channel through binoculars, no scope needed!

I then went up over the bridge to the south side of the inlet and I ran into Maurice Barnhill with another birder I didn't know. It was comforting to see other crazy birders out and about. At this time I forgot I was doing a Big Day and started exchanging info with Maurice. Oops! Thankfully, I had already found all the birds he had told me about except for the Harlequin Duck. (I would have seen the Harlequin by the jetty on my own because I was headed there when I ran into Maurice.) But since I solicited info from Maurice I decided not to count the Harlequin. (This could have been disastrous had I ran into Maurice on the north side before I saw all the waterfowl that the inlet provided.)

From Indian R Inlet, I started the 3-hour drive back home to Pennsylvania, but I had some daylight left so I stopped at Cape Henlopen hoping to pick up some nuthatches. The drive produced Black Vulture and my only accipiter for the day. A quick stomp around Cape Henlopen added only Killdeer and Fox Sparrow. No Brown-Headed or Red-breasted Nuthatch. I missed all three nuthatches on the day.

Time for one last stop at Prime Hook NWR. My last two birds were Hermit Thrush (72) and a White-crowned Sparrow (73).

I was very satisfied with my total of 73 species to establish a record for the first month in the first state. I did no

scouting at all. Ninety species is probably possible along this route with better weather and less ice. Also, I had to really struggle to get my eyepiece to work after my scope blew over. I probably lost a half hour rigging my eyepiece to a workable condition. Had this happened earlier in the day it would have really hurt me.

DELAWARE #3 – 22 Feb 03- 0730 to 1730 – Species Totals 87/87; (Team/Shared): Colin Campbell 87, Alison Ellicott 87, Scott Henderson 87, France Dewaghe 87. 200 Miles by car, 2 miles by foot. *Visiting: Sliver Lake, Rehoboth, Indian R inlet, Cape Henlopen SP, Oyster Rocks Road, Prime Hook NWR, Cedar Creek Mill Pond, Port Mahon, Cartanza Road, Finis Pool Woods.* *Species of note: Red-necked Grebe (R), Harlequin Duck (R), Winter Wren (R), Lapland Longspur (R), Purple Sandpiper (M), Carolina Wren (M), Swamp Sparrow (M).*

We conducted this count on a Saturday after a weekend of heavy snow (approximately 24 inches). The weather on our Big Day was mild, but very wet, with frequent rain/sleet and much fog severely limiting visibility, especially near the coast. Interesting was that we found over 500 Ring-necked Ducks at Cabbage Pond.

DELAWARE #4 – 23 March 03- 0730 to 1800 – Species Totals 102/102; (Team/Shared): Colin Campbell 102, Scott Henderson 101, Alison Ellicott 101. 200 Miles by car, 2 miles by foot. *Visiting: Silver Lake, Rehoboth, Indian R inlet, Rehoboth Bay, Cape Henlopen SP, Prime Hook NWR, Ted Harvey WMA, Little Creek WMA, Port Mahon Road, Cartanza Road, Bombay Hook NWR.* *Species of note: American White Pelican (V), Common Eider (R), King Eider (R), Purple Martin (E), Downy Woodpecker (M), Yellow-rumped Warbler (M), Eastern Towhee (M).*

Interesting was that the count had five Red-necked Grebes in different locations.

DELAWARE #5 – 13 April 03- 0730 to 1930 – Species Totals 115/113; (Team/Shared): Colin Campbell 115, Scott Henderson 114, Alison Ellicott 114. 250 Miles by car, 3 miles by foot. *Visiting: Indian R inlet, Rehoboth Bay, Cape Henlopen SP, King Cole Ranch, Broadkill Beach, Bombay Hook NWR, Shorts Beach Road, Slaughter Beach, Mispillion, Kitts Hummock and Ted Harvey WMAs, Little Creek WMA, Bombay Hook NWR.* *Species of note: Pied-billed Grebe (M), Red-necked Grebe (R,L), Yellow-crowned Night-Heron (R), King Eider (R), Stilt Sandpiper (E), Ruff and Reeve (R), Little Gull (R), Razorbill (V), Downy Woodpecker (M), Eastern Phoebe (M).*

DELAWARE #6 – 11 May 03- 0600 to 2030 – Species Totals 161/157; (Team/Shared): Colin Campbell 159, Alison Ellicott 158, Scott Henderson 158, France Dewaghe 160. 180 Miles by car, 5 miles by foot. *Visiting: White Clay Creek SP, 1000-Acre Marsh, Cedar Swamp WMA, Woodland Beach, Taylors Gut, Bombay Hook NWR, Little Creek WMA, Ted Harvey CA, Mispillion Inlet, Big Stone Beach.* *Species of note: Hooded Merganser (L), Red-breasted Merganser (R), Black Tern (R), Dickcissel (R),*

White-crowned Sparrow (L), ducks from pintail through Bufflehead (M), Hairy Woodpecker (M), Northern Rough-winged Swallow (M).

DELAWARE #7 – 15 June 03- 0600 to 1800 – Species Totals 105/105; (Team/Shared): Colin Campbell 105, Scott Henderson 105, Alison Ellicott 105. 200 Miles by car, 2 miles by foot. *Visiting: Delaware City area, Bombay Hook NWR, Savannah Road, Port Mahon, Ted Harvey CA, Mispillion, Prime Hook NWR, Haytonville Road, Redden Forest.* *Species of note: Ruddy Duck (L), Common Moorhen (R), Ruby-throated Hummingbird (M), Tufted Titmouse (M).*

DELAWARE #8 – 26 July 03- 0600 to 1900 – Species Totals 102/101; (Team/Shared): Colin Campbell 102, Alison Ellicott 102, Scott Henderson 101. 210 Miles by car, 3 miles by foot. *Visiting: Delaware City area, Woodland Beach, Taylors Gut, Bombay Hook NWR, Port Mahon, Little Creek WMA, Logan Tract, Mispillion, Shorts Beach, Prime Hook NWR.* *Species of note: none*

DELAWARE #9 - 23 Aug 03- 0600 to 1900 – Species Totals 110/110; (Team/Shared): Colin Campbell 110, Alison Ellicott 110, Carol Ralph 110. 222 Miles by car, 4 miles by foot. *Visiting: Fort Dupont SP, 1000-Acre Marsh, Bombay Hook NWR, Port Mahon, Little Creek, Ted Harvey CA, Mispillion Light, Slaughter Beach, Shorts Beach Road, Prime Hook NWR.* *Species of note: Gull-billed Tern (R), Black Tern (R), Blue Jay (M).*

DELAWARE #10 – 14 Sept 03- 0630 to 1700 – Species Totals 110/109; (Team/Shared): Colin Campbell 110, Alison Ellicott 109, Scott Henderson 109, France Dewaghe 110. 138 Miles by car, 2 miles by foot. *Visiting: White Clay Creek SP, Delaware City area, Bombay Hook NWR, Port Mahon, Little Creek WMA, Ted Harvey CA.* *Species of note: Ruff (R), Red-headed Woodpecker (R), Downy Woodpecker (M), Northern Flicker (M), Brown-headed Cowbird (M).*

We missed Downy and Hairy Woodpeckers and Northern Flicker on a day when we got Pileated and Red-headed Woodpeckers!

DELAWARE #11 – 18 Oct 03- 0630 to 1800 – Species Totals 102/102; (Team/Shared): Phil Thompson 102, Colin Campbell 102. 180 Miles by car, 3 miles by foot. *Visiting: White Clay Creek SP, Delaware City area, Cedar Creek WMA, Woodland Beach WMA, Bombay Hook NWR, Port Mahon, Little Creek WMA, Kitts Hummock, Prime Hook NWR, Mispillion, Slaughter Beach.* *Species of note: American White Pelican (R), Lincoln's Sparrow (R).*

DELAWARE #12 – 16 Nov 03- 0700 to 1700 – Species Totals 102/100; (Team/Shared): Colin Campbell 101, Alison Ellicott 101, Scott Henderson 101. 180 Miles by car, 2 miles by foot. *Visiting: Indian R inlet, Silver Lake, Spring*

Lake, Cape Henlopen SP, Broadkill Beach Road, Prime Hook NWR, Cedar Creek and Cabbage Ponds, Little Creek WMA, Bombay Hook NWR. Species of note: Tricolored Heron (R), Common Eider (R), Black Vulture (M).

DELAWARE #13 – 17 Nov 03- 0615 to 1640 – Species Totals 83/83; (Team/Shared): Ted Drozdowski 83. 118 miles by car, 2 miles by foot. Visiting: Port Mahon Road, Little Creek WMA, Bombay Hook NWR, Broadkill Beach, Prime Hook NWR, Silver Lake, Cape Henlopen SP, Indian R Inlet. Species of note: American Tree Sparrow (M), Fox Sparrow (M), White-crowned Sparrow (M).

I like this route very much, but in November one must run it on a Sunday to avoid hunting closures, which hurt me this year. I had many glaring misses of relatively common passerines. More time was needed early in the morning at a very productive spot for passerines and “half-hardy” wintering species. I decided to do another Delaware Big Day using roughly the route I worked the previous January. There was no previous record for the month of November in Delaware.

Again I started a winter Delaware Big Day along Port Mahon Road, but it was quite foggy and subsequently I didn't see too much. I worked the marsh for a half hour and picked up a Double-crested Cormorant, three species of gulls, and Swamp, Song, and White-throated Sparrows. The only waterfowl seen were Canada and Snow Geese and Ruddy Duck. I got some common species along with some Dunlin and a Great Egret. But everything I got here, I got elsewhere, so it turned out to be not a good place to start.

The temperature was close to 50 degrees with no wind. I just needed the fog to lift. Little Creek produced a lot of my common “feeder birds” plus harrier, Pied-billed Grebe, Mallard, Ring-necked Duck, Hairy Woodpecker, and two Hermit Thrushes. Off to Bombay Hook, the road into the refuge gave me a single Horned Lark and three meadowlarks.

I knew Bombay Hook probably had a good deal of hunting going on this Monday morning, and when I got there most of the refuge was closed to vehicular traffic. There was a sign saying I could access some parts of the refuge from Dutch Neck Road to the north. Going farther north would take me a few miles out of my way, but I wasn't ready to give up on Bombay Hook yet, plus I was ahead of schedule. I drove north to the other entrance but still only had access to a small portion of the refuge. I did get a few key birds here though; my only Red-tailed Hawk of the day along with American Kestrel, Savannah Sparrow, American Coot, and Wood Duck. There was a lot of waterfowl at Bear Swamp, but it was mostly pintails and Green-winged Teal. The only two shorebirds were Dunlins, which I already had, and about 80 dowitchers that looked like Long-billed, but they were too far out to call for sure.

On my way south I stopped at Cedar Creek Mill Pond and Cabbage Pond, which gave me no new waterfowl and just a Carolina Wren. This was where my scope blew over last January. I didn't have to worry about that today because there was little wind and it was warming up well through the 50s.

The ponds along Broadkill Beach Road contained much waterfowl, but all I could add were Bufflehead and Northern Shoveler. I beat around for sparrows for a while with no new species added. Once I got to Broadkill Beach I quickly added a Sanderling, Red-throated Loon, and a single Royal Tern.

Prime Hook gave me my only Gadwall and wigeons of the day, along with Cedar Waxwings and a Rusty Blackbird. I spent more time here working for the sparrows I was missing (White-crowned, American Tree, and Fox). But I just kept getting sparrows I already had.

It was running late when I got to Cape Henlopen, but a quick stop yielded nine more species, seven of which I got nowhere else. By the nature center, I picked up a phoebe and a few Purple Finches. Other birds found were Red-breasted Nuthatch and a Sharp-shinned Hawk. The fishing pier gave me Surf Scoter, Horned Grebe, Common Loon, and a single Laughing Gull. On my way to Indian R Inlet, I stopped at Silver Lake in Rehoboth, but picked up no new birds.

With the now very pleasant weather, I found Indian R Inlet crowded with fisherman and boats in the water. I soon added Surf and Black Scoters, Bonaparte's Gulls, a single Purple Sandpiper in a flock of Ruddy Turnstones, a half dozen Forster's Terns, and Northern Gannets. I then found probably my best bird of the day, two Common Eiders; a female and a first-winter male.

I now had about 45 minutes of daylight left so I headed through the marina to get to Burton's Is hoping to pick up some of my missing passerines. A large construction sign read “Burton's Is Nature Trail temporarily closed”. Oh No! This is why you do your homework before a big day. Fortunately for me I wasn't trying to break a record, I was only establishing a record.

I was now in a unique situation. With daylight left, I had literally run out of Delaware to bird. I was on a barrier island with the ocean to my east, a bay to my west, and Maryland to my south. To my north from which I had come was traffic and construction. I thought about going back to Cape Henlopen, but by the time I got there it would be getting dark. So I decided to go into the marsh to try for sharp-tailed sparrows. I soon had a nice Nelson's (interior race) not 5 feet away from me. The last bird of the day, he was so close I didn't need binos. He stayed there for a couple minutes giving me the best look I ever had of a Nelson's. The sun was becoming bright red, and oblong as it sank behind clouds to the west. I bid the little sparrow farewell, turned around and walked away very satisfied.

When I tallied everything up I was surprised to have 83 species. I missed so many common birds. Next year I will do some legwork and adjust this route a little. One hundred species is a possibility for November in Delaware.

DELAWARE #14 – 13 Dec 03- 0715 to 1800 – Species Totals 100/98; (Team/Shared): Colin Campbell 100, Allison Ellicott 99, Scott Henderson 99, Jeff Holt 99. 180 Miles by car, 2 miles by foot. Visiting: Indian R inlet, Silver Lake, Spring Lake, Cape Henlopen SP, Prime Hook NWR, Cedar Creek Mill Pond, Abbot's Mill Nature Center, Little Creek WMA, Bombay Hook NWR, Delaware City. Species of

note: *Brown Pelican (L)*, *Harlequin Duck (R)*, *American Avocet (M)*, *Tufted Duck/scaup hybrid (R)*.

FLORIDA #1 – 11 Nov 00- 0500 to 1900 – Species Totals 155/149; (Team/Shared): Tom Hince 154, Paul Pratt 154, Bruce Di Labio 154, Ethan Meleg 151. 320 Miles by car, 3 miles by foot. *Visiting: Brevard Co from Merritt Is, Titusville, Mims, and Canaveral National Seashore to Jetty Park, Sebastian Buffer. Species of note: Magnificent Frigatebird (R), Black-bellied Whistling-Duck (R), Canada Goose (R), Snow Goose (R), Purple Gallinule (R), Lesser Black-backed Gull (R), Western Kingbird (R), Vermilion Flycatcher (V), Magnolia Warbler (L), Lark Sparrow (R), Rusty Blackbird (R).*

This Big Day was actually part of the 29 hour-long Flyway Festival Birding

Competition, and took place entirely within the boundaries of Brevard Co. It reflects the rich birding opportunities in this region in late fall and early winter. Scouting for the competition enabled us to fine tune a route that produced a lot of uncommon and rare species. It was an exciting day of birding and we didn't even scratch the surface of the night hours. The record is being submitted as a potential monthly record for November for the state.

FLORIDA #2 – 16 Jan 03- 0430 to 1800 – Species Totals 142/142; (Team/Shared): David Simpson 142. 200 Miles by car, 2 miles by foot. *Visiting: St. Mark's NWR, Alligator/Bald Pts, Springhill WTP, Tall Timbers Research Station. Species of note: Yellow-crowned Night-Heron (R), White-winged Scoter (R), Ruddy Turnstone (M), Brown Creeper (R), House Sparrow (M).*

This was the first of what would be 20 Big Days in 2003. The fever started in July 2002 with a meager attempt at a local Big Day in my home region of the state. It soon grew to an attempt to break every record for the state of Florida. I had found 140 species in a day last December, mostly within St. Mark's NWR. A few adjustments to the route and I could easily get 150, or so I thought. I added a few routes, tightened the timing on St. Mark's, and managed to get only 142. Traffic patterns and construction foiled my attempts, but at least I set a new record for January. This was also a personal high count without seeing House sparrow.

FLORIDA #3 – 2 Feb 03- 0400 to 1830 – Species Totals 155/155; (Team/Shared): David Simpson 155, Andy Bankert (155). 297 Miles by car, 1 mile by foot. *Visiting: Groves in Mims, MINWR, Jetty Park, Viera, Turkey Creek Sanctuary, Barefoot Bay, St. Sebastian R, Buffer Preserve, T.M. Goodwin WMA. Species of note: American Woodcock (R), Canada Goose (R,S), White-winged Dove (R), Black-chinned Hummingbird (R,S), Yellow-breasted Chat (R).*

For this attempt I would stay in my own back yard. I took my 14-year old birding buddy along for the ride and we had a great day. The day started well with a surprise woodcock at dawn. We found a Yellow-breasted Chat in the orange groves east of US 1 near Scottsmeer. Later,

while viewing a staked out Black-chinned Hummingbird, we saw another chat in the woods behind the house. With little scouting and good planning, we were able to beat the February record by five species. Incredible numbers of shorebirds and ducks at MINWR contributed greatly to our success.

FLORIDA #4 – 28 Feb 03- 0145 to 2100 – Species Totals 138/137; (Team/Shared): David Simpson 138, Andy Bankert 137. 640 Miles by car, 1 miles by foot. *Visiting: Tosahatchee State Reserve, Mims groves, MINWR, Viera, Kendall, Lucky Hammock, Everglades NP (Royal Palm, Christian Pt, Eco Pond, Flamingo). Species of note: Canada Goose (R,S), Eurasian Wigeon (R,S), Crested Caracara (M), Semipalmated Plover (M), Sanderling (M), Western Sandpiper (M), Short-billed Dowitcher (M), Barred Owl (M), Eastern Bluebird (M), Bullock's Oriole (R).*

This was the first of the long distance Big Days. We decided that there were plenty of species that were easily found in south Florida that were not found in central Florida and vice versa. By using the middle part of the day, where every Big Day flounders, to move to another region of the state, we could get a myriad of species at both ends of the day and blow the record out of the water. Well that was the plan. In the end, lack of planning, the closure of Snake Bight Trail, and a bizarre lack of bird karma left us with dozens of misses and a very depressing day. To top it off, the races were in town and we paid double for the motel room that night: A brutal baptism into the world of long-distance Big Day Birding. The next day, after a few hours of sleep, we would put our lessons to the test.

FLORIDA #5 – 1 March 03- 0300 to 0000 – Species Totals 159/155; (Team/Shared): David Simpson 157, Andy Bankert 157. 696.3 Miles by car, 1 mile by foot. *Visiting: Everglades NP (Flamingo, Big Pine Key, Royal Palm), Lucky Hammock, Viera, MINWR, Tosohatchee State Reserve, Orlando Wetlands Park, Mims groves. Species of note: Canada Goose (R,S), Northern Pintail (M), Barn Owl (R), Hooded Warbler (R), Shiny Cowbird (R).*

This is more like it! After blowing it the day before, we blew the record away today. Nearly 700 miles and 21 hours of birding rewarded us with 159 species total and 157 each. That was a new personal record for each of us. Who knows where this could lead?

FLORIDA #6 – 2 May 03- 0315 to 2325 – Species Totals 165/165; (Team/Shared): David Simpson 165. 613 Miles by car, 1 mile by foot. *Visiting: Tiger Hammock, St. Mark's NWR, Springhill WTP, Meyer's Park, Ocala NF, Smyrna Dunes Park, Merritt Is NWR, Viera, Turkey Creek Sanctuary, St. Sebastian R BP, T.M. Goodwin WMA. Species of note: Northern Gannet (L), Northern Harrier (L), Grasshopper Sparrow (L).*

This was the first really successful long-distance Big Day. It was a personal best for me, although I would soon realize that I was really just a rookie. If only I had known then what I knew now. An even longer route would surely net

the 15 species I needed to break the state record. Wait 'til 2004.

FLORIDA #7 – 1 June 03- 0315 to 2100 – Species Totals 141/141; (Team/Shared): David Simpson 141. 836 Miles by car, 0.5 miles by foot. *Visiting:* St. Mark's NWR, Tiger Hammock Road, Appalachicola NF, Springhill WTP, Tallahassee, Huguenot Park, Merritt Is NWR, Viera, Kendall, John Pennekamp SP, Marathon Airport. *Species of note:* American Coot (M), Bonaparte's Gull (L,S), Common Tern (L,S), Prairie Warbler (M).

Only 11 days after a chainsaw injury at work, I was back in limited action.

I was not sure until the night before if I could even do this. I'm glad I did, it was a great learning experience. I was on pace to beat the Georgia record for June, but the bottom fell out in Key Largo. All of the stakeouts at Pennekamp SP were misses, Prairie Warbler and Black-whiskered Vireo were the worst. Yellow Warbler and Mangrove Cuckoo were present earlier in the year. The throngs of people and noisy activity on a sunny Sunday sent the birds into oblivion. At 2100, I heard the call of the Antillean Nighthawk at Marathon Airport. I didn't even realize it at first. Then I turned tail, got some supper, and headed to the nearest motel. Overall, a stressful, tiring, but very educational, experience. Next year, I'll get 150+.

FLORIDA #8 – 13 July 03- 0245 to 2145 – Species Totals 138/134; (Team/Shared): David Simpson 137, Andy Bankert 135. 815 Miles by car, 0.5 miles by foot. *Visiting:* St. Mark's NWR, Tiger Hammock Road, Springhill WTP, Tallahassee, Fort DeSoto, Celery Fields, Oscar Sherer SP, Belle Glade, Kendall, Card Sound Road, Marathon Airport. *Species of note:* Wilson's Plover (M), Semipalmated Plover (M), Brown-headed Nuthatch (M).

This was the second all-state Big Day ranging from Tallahassee to Marathon Key. The breeding birds are quieting down and the migrant shorebirds were trickling in. An incredibly high tide at Fort DeSoto shifted the shorebirds from their usual locales. We were satisfied with beating the record, but we will do better later in the month.

FLORIDA #9 – 27 July 03- 0225 to 2100 – Species Totals 141/138; (Team/Shared): David Simpson 140, Andy Bankert 138, Mitchell Hait (140). 733 Miles by car, 0.5 miles by foot. *Visiting:* Marathon Airport, Kendall, Belle Glade, Babcock-Webb WMA, Celery Fields, Fort DeSoto, St. Mark's NWR, Tiger Hammock Road, Springhill WTP, Tallahassee, Tall Timbers Research Station. *Species of note:* White-faced Ibis (R), Heermann's Gull (R,S), Yellow-billed Cuckoo (M), Great Horned Owl (M), Barred Owl (M), Acadian Flycatcher (M), Tree Swallow (E), White-breasted Nuthatch (M).

A reversal of our earlier July attempt and the addition of a new member to the team resulted in yet another new record for July. White-faced Ibis at St. Mark's was definitely the highlight. We could have added two more owls at Tall Timbers, but with a four-hour drive the next day followed by half a day of work for two of us, we

decided to call it quits at 2100. Next year we'll compete for real.

FLORIDA #10 – 24 Aug 03- 0510 to 0000 – Species Totals 129/128; (Team/Shared): David Simpson 129, Andy Bankert 128. 783.7 Miles by car, 0.5 miles by foot. *Visiting:* Tall Timbers Research Station, St. Mark's NWR, Fort DeSoto, Celery Fields, Belle Glade, Kendall, Lucky Hammock, Homestead, Belle Glade. *Species of note:* Chimney Swift (M), Common Yellowthroat (M).

This was by far one of the worst Big Days of the year. Perhaps only our first long-distance attempt on 28 Feb could rival for this lowly rank. Imagine driving 650 miles in daylight in Florida in late August and not seeing a Chimney Swift! Breeding birds in the Panhandle were not visible or vocal. A half-dozen stakeouts at Lucky Hammock dried up with the drying fields. Perhaps we went to the Tallahassee to Homestead well once too often. We did manage to beat the August record by a mere one species. This would be the lowest total until a later disastrous Big Day in November. Next year we will attempt an early August run from south to north.

FLORIDA #11 – 05 Sept 03- 0600 to 2130 – Species Totals 130/128; (Team/Shared): David Simpson 130, Scott Bordereaux 128. 597.6 Miles by car, 0.5 miles by foot. *Visiting:* Fort DeSoto, Tosahatchee State Reserve, Jetty Park, Viera, St. Sebastian R BP, T.M. Goodwin WMA, Belle Glade, Holey Land WMA, Miami. *Species of note:* Eastern Screech-Owl (M).

After the late August disaster, I decided to contract the route and spend more time actually birding. This Big Day was originally intended as a final day of scouting. While sitting in the bar the night before, I asked Scott if he wanted to try two Big Days in a row. He agreed and we were off and running. We were greeted at Fort DeSoto by a tropical depression and the concomitant rain and wind. Undaunted, we continued our effort, unsure if we would beat the record or not. It turned out we were right. In the end we had tied the record for September. We were fairly confident that we would take it the next day.

FLORIDA #12 – 6 Sept 03- 0520 to 0000 – Species Totals 134/130; (Team/Shared): David Simpson 134, Scott Borderieux 130. 639.1 Miles by car, 0.5 miles. *Visiting:* Holey Land WMA, Belle Glade, Babcock-Webb WMA, Fort DeSoto, Merritt Is NWR, Hog Valley, Mims groves. *Species of note:* American Golden-Plover (R), House Sparrow (M).

As expected, we found more species today than yesterday. We fared better with migrant songbirds at Fort De Soto. This is the second month in which I (David Simpson) have broken the monthly record without finding House Sparrow.

FLORIDA #13 – 30 Sept 03- 0550 to 2200 – Species Totals 140/134; (Team/Shared): David Simpson 140, Scott Borderieux 134. 481.6 Miles by car, 1 mile by foot. *Visiting:* Celery Fields, Fort DeSoto, Meyer's Park, Springhill WTP, Appalachicola NF, Alligator/Bald Pts,

Mashes Sands Park, Bottoms Road. Species of note: Marbled Godwit (M), Pileated Woodpecker (M), Eastern Bluebird (M).

With winter approaching and birds arriving in the Panhandle, we decided to run a central to north Florida route. We missed several migrant species at Fort DeSoto, but were rewarded with several early winter species as well as the usual residents in the Panhandle. In the end, we had beaten our own record by six species.

FLORIDA #14 – 1 Oct 03- 0540 to 2000 – Species Totals 154/147; (Team/Shared): David Simpson 154, Scott Borderieux 147. 420 Miles by car, 1 mile by foot. Visiting: Tall Timbers Research Station, Rutkovski's residence, Springhill WTP, Fort DeSoto, PineCraft Park, Celery Fields. Species of note: Canada Goose (M), Red-tailed Hawk (M), Black Skimmer (M), Eastern Screech-Owl (M).

This was the second of three days in a row. We reversed the route, changed a few locations, and beat the October record by a comfortable margin. Shorebirds and songbirds at Fort DeSoto were more in evidence than yesterday. Celery Fields came through with many key species. We ended the day with a Barn Owl as it left its daytime roost.

FLORIDA #15 – 2 Oct 03- 0545 to 0000 – Species Totals 158/151; (Team/Shared): David Simpson 158, Scott Bordereaux 151. 601.3 Miles by car, 1 mile by foot. Visiting: Celery Fields, Fort DeSoto, Rutkovski's residence, Church's Chicken Pond, Springhill WTP, Appalachicola NF, Alligator/Bald Pts, Bottoms Road. Species of note: Green Heron (M), Wilson's Plover (M), Mourning Warbler (R,S).

This was the best of three days in a row. There were only a couple misses and we got most of the usual species. The only problem I have is that we may not be able to top this next year.

FLORIDA #16 – 9 Nov 03- 0320 to 1720 – Species Totals 142/142; (Team/Shared): David Simpson 142. 489.1 Miles by car, 1.5 miles by foot. Visiting: Homestead, Lucky Hammock, Everglades NP, Kendall, Big Cypress Preserve, Naples, Celery Fields, Fort DeSoto, J.B. Starkey Wilderness Park, Green Key, Aripeka. Species of note: Reddish Egret (M), Eastern Screech-Owl (M), American Robin (M), Bobolink (L), Eastern Towhee (M).

This day started out with a bang and ended in a thud. Staked out Barn Owl and a surprise Bobolink combined to set a record-pace in the morning. Shortly after noon, I met up with a cold front north of Fort DeSoto. After that, the birds were very hard to come by. The woods at Starkey Wilderness Park were very quiet. The marsh in Aripeka at dusk barely gave up its Clapper Rail, Marsh Wren, and Seaside Sparrow in the cold and wind. I could not even find screech or Great Horned Owl after dark. The route worked out well; the weather did not.

FLORIDA #17 – 11 Nov 03- 0245 to 0000 – Species Totals 148/148; (Team/Shared): David Simpson 148, Andy

Bankert 148. 721.3 Miles by car, 1 mile by foot. Visiting: Miami, Homestead, Lucky Hammock, Everglades NP, Big Cypress Preserve, Naples, Fort DeSoto, Merritt Is NWR, Canaveral National Seashore, Lake Poinsett. Species of note: Carolina Wren (M).

How can you beat a record without seeing Carolina Wren? That's what we did this day. We tried out another route even though we could have easily beaten the record with the route of two days prior. The route went well. Poor scouting in the Brevard Co area hurt us badly. Viera was full of day birds, but we didn't know. We were glad to beat the record even if by one. Only later would we learn of another team's 155 species Big Day. No problem, we'll beat both next year.

FLORIDA #18 – 27 Nov 03- 0400 to 2115 – Species Totals 125/125; (Team/Shared): David Simpson 125. 432.5 Miles by car, 1.5 miles by foot. Visiting: Lucky Hammock, Everglades NP, Mary Krome Park, Big Cypress NP, Tigertail Beach, Naples, Fort Myers, Celery Fields, Fort DeSoto. Species of note: The Great Blue Heron that smashed my windshield on Tamiami Trail.

This was a test of the last winter route. I planned to hit the Everglades NP area, Fort DeSoto, and then St. Mark's NWR. I was not sure of hitting the record, but I wanted to test the viability of the route for later in the winter when there would be more daylight. Instead, a wayward Great Blue Heron changed my plans. I spent the day carefully birding around the local area until I got the windshield replaced. I did not have time to get to Fort DeSoto in the daylight. This was the lowest species total, but most unique experience of the year.

FLORIDA #19 – 06 Dec 03- 0400 to 0000 – Species Totals 136/136; (Team/Shared): David Simpson 136, Andy Bankert 136. 993.1 Miles by car, 1 mile by foot. Visiting: Lucky Hammock, Everglades NP, Fort DeSoto, St. Mark's NWR, Lake Poinsett, Viera. Species of note: White-eyed Vireo (M), Brown-headed Nuthatch (M), Painted Bunting (M).

A very long route, perhaps too long for the amount of daylight. We were testing this route for possible future use. Perhaps late February may afford enough light to run this again.

FLORIDA #20 – 21 Dec 03- 0330 to 2000 – Species Totals 149/149; (Team/Shared): David Simpson 149. 651.8 Miles by car, 1 mile by foot. Visiting: Lake Poinsett, Celery Fields, Fort DeSoto, St. Mark's NWR, Springhill WTP, Appalachicola NF, Mashes Sands Park, Alligator/Bald Pts, Otter Creek Tract, St. Mark's NWR, Bottoms Road. Species of note: Black Rail (R), Wilson's Snipe (M), Pileated Woodpecker (M).

This was essentially the same route that I ran in October with great success. Lack of scouting and bad tides at Fort DeSoto have hurt me on the last several Big Days. Several shorebirds that were easily found a couple months ago are virtually non-existent. Even with all of the misses, I came close to the record.

FLORIDA #21 – 27 Dec 03- 0430 to 1830 – Species Totals 135/135; (Team/Shared): David Simpson 135. 482.6 Miles by car, 1 mile by foot. *Visiting: Lucky Hammock, Everglades NP, Penny Thompson Park, Kendall, Celery Fields, Fort DeSoto, Starkey Wilderness Park, Green Key, West Pasco Co, Aripeka, Hernando Beach. Species of note: Caspian Tern (M), Common Ground-Dove (M), Budgerigar (M), Eastern Screech-Owl (M), Florida Scrub-Jay (M), Chipping Sparrow (M), Bobolink (L).*

Lack of scouting and lack of familiarity with Fort DeSoto contributed greatly to the failure of this route. The shorebirds and terns at Fort DeSoto again failed to show. Maybe they have gone for the winter. The Budgie roost in Hernando Beach had been trimmed. The flock of Chipping Sparrows present two days ago was completely gone.

What a way to end a year of Big Days. Ironically, I probably will not use any of the six winter routes that I tested in the last two months. In the last two months, I decided to change strategies from attacking every monthly record to planning for next year. I knew that I would have less chance at the records by not scouting as much, but I wanted to test the routes for the January and February routes. In 2004, I will attempt to beat all of the records in one calendar year. I only managed 10 of 11 attempted this year, and one of those was beaten by another team.

FLORIDA #22– 31 Dec 03- 0200 to 2030 – Species Totals 150/145; (Team/Shared): Tom Hince 150, Ethan Meleg 145. 450 Miles by car, 1 mile by foot. *Visiting: Fort Myers Beach, Lake Trafford, Merritt Is NWR, Mims, Canaveral National Seashore. Species of note: Canada Goose (R), Canvasback (R), Surf Scoter (R), Lesser Black-backed Gull (R), Bonaparte's Gull (R), Louisiana Waterthrush (R), Lincoln's Sparrow (R), Clay-colored Sparrow (R).*

My stepson Ethan and I (Tom Hince) decided to do a 'cowboy' big day for fun on the last day of the year. My recollection was that David Simpson was trying to get all the monthly records for Florida Big Days and that he was trying to up the existing 140 record for December during this past month. I don't know how he fared but this may bring him out of the shadows. At the very least we wanted to give him some competition and keep him charged up for another year!

Our big day was truly unscouted, unplanned, and mostly done on impulse. Still we did remarkably well and broke the 2002 record of 140 by a decent margin. We didn't decide we were actually going to do it until the evening beforehand, so we had no food or drinks prepared and we didn't get to sleep until around 10:45 PM (all against the fundamental tenets of well run and organized big days!). We woke at 1 PM after a couple of hours sleep, threw our gear into the van and left Fort Myers Beach. We returned to Fort Myers Beach where we ended the day walking the beach with the last traces of daylight. In between we did a lot of driving and birding and had a great day with some memorable moments.

GEORGIA #1 – 1 May 03- 0000 to 2124 – Species Totals 174/170; (Team/Shared): Giff Beaton 174, Jim Flynn 172, Earl Horn 170. 769.9 Miles by car, 2.2 miles by foot. *Visiting: Pine Log WMA, Kennesaw Mtn, EL Huie Land Application Facility/Newman Wetlands Center, Industrial Boulevard grass fields, River Bend WMA, East Georgia Turf Farm, Altamaha WMA, Saint Simons Is, Jekyll Is. Species of note: Ross's Goose (V,S), Blue-winged Teal (M), Ruddy Duck (L), Great Horned Owl (M), Veery (M).*

Since we couldn't schedule an April run, we decided to settle for trying to improve upon the May Georgia record of 174 set on 1 May 1997. Back then we had felt that 174 would be tough to beat, but this year we hoped to do just that. The weather looked like it might be good, with some rain in the west the night we started, but clear in the east. Some of the items that we needed for a big total were not looking so good, however, such as the lack of freshwater shorebirds at our two normal spots for them, and the lack of lingering ducks. This route is so long and so tight on time it is difficult to add stops for missing species (or in this case missing groups of species) but we got everything ready to go and our seasoned Georgia Big Day team of Jim Flynn, Earl Horn and Giff Beaton started at exactly midnight coming into 1 May 2003.

We started in a marsh complex for the usual nighttime suspects, and were a little concerned when the Barred Owls, which had been calling their heads off for a half hour prior to midnight, suddenly stopped calling as if they had watches. Within a few minutes they cranked back up and we breathed a little easier, especially when we spotted a Barn Owl hunting over the adjacent field. We couldn't hear any Great Horneds, but we had many other pre-dawn and several after-dark spots to get them, no sweat. Moving out into the marsh, the frog chorus was absolutely staggering, and we couldn't hear much of anything else. We could not manage to get any rails except for a lone Sora, in a place that is lousy with them, which was very surprising. I still don't know why. We spent about an hour in there, and also managed one calling Least Bittern, always a good get, but nothing else. We did not hear any thrushes in there either, also surprising, but figured it was due to all the frogs. We left there with six whole species and headed on to our other pre-dawn spots.

Next was our by-now regular stop for the Ross's Goose near Ila, and while there we also added a singing Chuck. A real surprise here was a calling Barn Owl, making me think the first time we have ever had two separate Barn Owls on one Big Day, but we still weren't hearing hardly any thrushes going over, and were concerned about it. At this point we had already racked up 153 miles but had only ten species, a ratio we certainly hoped to improve. We had added in a sod farm stop before dawn in a location near Pine Log that had recently been hosting lots of shorebirds, hoping to hear some yellowlegs or something else we could identify calling, but to no avail. We did finally hear one Swainson's Thrush going over, and a Canada Goose, but this was a pretty fruitless stop. We found a couple of nighthawks going through Cartersville and heard a Song Sparrow at a pre-dawn gas stop, which helped put us at 14 rolling into Pine Log at 0538.

We decided to check the second entrance, since we were still a bit early and needed screech-owl, and were very

surprised to find that gate open. After quickly adding Screech (still no Great Horned but we knew we could easily get that on the coast later), we headed in this side to try for Bachman's Sparrow at one of the few known spots above the Fall Line, and were rewarded with one or two birds before dawn. We then went back to our usual starting point deep in the WMA on the other side. There were, as always, Chucks and Whips calling all over the place (we counted 31 Whips), but no flight of thrushes ever materialized and we missed Veery and Gray-cheeked, two species that are normally fairly easy before dawn and almost impossible after. As the eastern sky slowly lightened, we quickly started ticking off the birds we have to get in here, an impressive list of breeders that are fairly easy to get here but much more difficult farther south. During the next two hours we worked from spot to spot in the WMA, hitting all the various habitats and stopping at known good locations for individual troublesome species like Kentucky Warbler and Louisiana Waterthrush. Other good breeders we got here included Field and Chipping Sparrows, the always difficult Hairy Woodpecker, and White-breasted Nuthatch, Scarlet Tanager, Ovenbird, Black-throated Green Warbler, and a totally surprising but very welcome American Woodcock, who obligingly flew right over us at dawn. We didn't get much in the way of migrants in here, getting only Blackpoll and Cape May Warblers, but happy to at least get them. We headed out of here with 71 at 0756, stopped at the bridge for the phoebe that helpfully nests there, and headed into uncertain traffic on the way to Kennesaw.

As it turned out, traffic wasn't bad, but as soon as we got to the mtn we knew the migrants would not be easy. The several previous days of lots of migrant song activity had really quieted down, but we quickly worked our way up the mtn and checked some spots near the top. We got a few birds here, nothing like we were hoping (do you ever?), but did get a couple of key species like a getting-late Blue-winged and Chestnut-sided Warblers, species we were very unlikely to find later (and didn't). House Wren and White-throated Sparrow were two other good gets here, but we had to go with a fairly low total of 88 at 0930.

We headed through the end of rush-hour traffic down to E.L.Huie, our next stop, knowing it wouldn't be as good as usual (little edge habitat for shorebirds and no ducks) but determined to get what we could there and not spend too much time doing it. We saw our needed swallows quickly, Tree in particular, but were foiled by a one pass only Bank who stubbornly kept his back toward us after being called out. We did get a pair of Ruddy Ducks that had supposedly left a few days earlier, and added a couple other good birds like American Coot, Pied-billed Grebe, and Eastern Meadowlark. The only shorebirds were Spotted and Least Sandpipers, which we knew in advance but were still disappointed over. We then went over to Newman Wetlands Center, needing really only Brown-headed Nuthatch of the birds we could get there, but couldn't find any and left at 1050 with 101 species. After zipping over to I-75 we made a short stop at the next exit for pasture and grassland species, adding Grasshopper Sparrow, Bobolink, Blue Grosbeak and Orchard Oriole, and sailed on south with 107 species. Another quick stop on the way south is at High Falls SP, with its very convenient Cliff Swallows two miles off the interstate, and we added the swallows, and

Great Blue Heron and Northern Flicker (both missable in spring, we only got two of each all day). There had been a kingfisher here a couple of days earlier during a scouting trip, so we did add an extra run down a park road and were rewarded with an immediate call from the bird right where it had been previously (only one all day). Out of here with 111 at 1136, good on time but short on species... We did add a Mississippi Kite as we rolled down I-75, through an area that frequently coughs up a kite or Broad-wing to those scanning while cruising- not the driver of course.

As always, we considered Macon and some of its great birding spots, but for what we needed versus what we could count on finding elected not to stop, and kept going. We did decide to add a very short side trip to some ponds near I-16 east of Macon, but got nothing. At least we didn't take much time checking! Another quick stop was for a lingering Snow Goose right on I-16 near Dublin. Though we failed to find the goose, a lone Brown-headed Nuthatch flew right over the highway exit ramp, going who-knows-where, but cheerfully getting ticked regardless.

Our next spot was a new one, River Bend WMA. It has great habitat and is right on the Interstate, so we headed in and in very short order had all our target species (Prothonotary and Swainson's Warblers, Acadian Flycatcher, and Yellow-billed Cuckoo). Jim spotted a small group of kettling raptors, and in among the Mississippi Kites there he found a super bonus Red-shouldered Hawk, a common species that is virtually silent by this time in spring and maddeningly hard to find then. This all took only 24 minutes, and we left with 118 species at 1334. Back on the Interstate, we found Osprey and Broad-winged Hawks while driving, which of course always necessitate those sudden stops on the shoulder so everyone can see them. We bailed off I-16 at US 301, heading for the sod farm near there, and stopped at yet another small pond in a futile attempt to find some shorebird habitat. While there, Earl spotted a Wood Duck that was so well hidden it took the rest of us a while to find it even when he was pointing it out. We also had another rain shower here, but it stopped just as we got to the sod farm.

We normally find Common Ground-Doves here on the sandy roads, but couldn't find any this day. I wonder if the rain had any effect on that, but we had no time for pondering and whipped through the sod farm, checking sod surfaces for shorebirds, Horned Larks, etc., in vain. We did pick up our only kestrel of the day, and Earl somehow spotted a Painted Bunting as we were careening around on a curvy dirt road, and then on the east side of the farm we found a gorgeous area of temporary ponds that was sure to have some shorebirds in it! Well, it did, about a dozen "Solitary" Sandpipers, but that was it. We now felt like we were in real trouble for freshwater shorebirds unless the fields at the Altamaha were shallowly flooded, a long shot, but all we had. We discussed a few options here but elected to stick with the main route, and off we went at 1452 with a total 127 species.

The next stop is another big marsh/swamp along I-95, and we were able to make up for our missing rails by getting both King and Virginia here, and LOTS of Bobolinks, which we weren't allowed to enjoy by one taskmaster on the team. We also added a few herons here, and a single Savannah Sparrow (only one for the day, tough day for

sparrows), but no ducks, not even Blue-winged Teal, which I would have thought a gimme. Back on the road at 1610 with 135 species, and heading for the Altamaha, which can be kind of a make-or-break stop on days like this when things aren't exactly falling into place. The key is usually whether there is water in the impoundments, how much, and how high the grass is. As we came down US 17 we could see that conditions were not optimal, and it looked like today the Altamaha would be "break." We raced out to the new platform anyway to scope the full cells way in the back. Here Jim managed two very impressive spots in a row: a Merlin he found coming in that actually landed where the rest of us could see it, and then a Purple Gallinule waaaaay back in the reeds. Nice spotting! We also added Glossy Ibis out here, and more Bobolinks (snuck a few looks at them anyway). We then crossed back over 17 to the ponds on the other side, and were crushed to discover one large pond had been drained, forcing the roosting herons and egrets to abandon it, and wondering where we would now find a Tricolored (across the road, as it turned out). Our dismay turned to elation when we realized that the pond was not totally dry, and that the wet spot in the middle was a seething mess of feeding shorebirds. Even by the usual standard of roller-coaster emotions that is a Big Day this was a major turn of events, so we threw up the scopes and started adding shorebirds. "Stilt! Black-necked? Yes, several of them! Oh yeah, well I have some Stilt SANDPIPERS! Oh yeah? Well I have a WHITE-RUMPED Sandpiper!" These are huge birds for a Big Day, and we had a hard time leaving this little cornucopia of calidrids. Heck, there were over a hundred Lesser Yellowlegs in there... We added 15 species here, pretty impressive when you realize we were already at 135, and headed for the beaches with 150 at 1733, on time even.

We zoomed into Gould's In on St Simons Is, and found the tide fairly high... just about perfect. We quickly added many gulls, terns, and shorebirds, the best ones probably being a first year Greater Black-backed that Earl spotted, Least and Sandwich Terns, and Red Knot, Whimbrel, and American Oystercatcher. The coolest thing, however, was a large Eastern Kingsnake that for some reason was on the beach on Sea Is, out of place but neat to watch as he headed back into the grass. We got what we could and departed for Andrews, checking out some golf course ponds that have had lingering ducks on other Big Days, but not this one. We were still pretty good for time at 1820 with a total of 167.

At Andrews, the tide was still high, not such a good thing at this place, but we did find a couple of Short-billed Dowitchers and a Greater Yellowlegs, and finally heard some calling Clappers. We tried for Seaside Sparrows here, without success, but in retrospect should have worked it harder. The spoil site is still off-limits, and we debated running up to look in from the outside, but didn't think we could add much that way and scrambled for Jekyll, just 4 off the record at 170 and still in pretty good shape for time at 1855. I still wonder if there were any ducks in there we might have seen...

On Jekyll, we stopped briefly at the Welcome Center but the tide was way too high, tried briefly for Seaside Sparrow again, and headed for the convention center first. We fairly quickly found a Gray Kingbird, our target species, and then

went by the amphitheater for waders before we went out to the beach. We easily found the Roseate Spoonbills that had been reported recently, but found virtually no night-herons! We finally found one lone immature Black-crowned, but had to settle for that and left with 173. A debate ensued about whether or not to add a long shot run to the north end for lingering sea ducks, and we ended up going out there but found nothing. So much for our cushion of time! We then went down to South Beach, and headed out into some really serious clouds of mosquitoes and sand gnats, which were busily seeking entrance into everything we presented them... eyes, noses, ears, etc. On we went, heedless of the little rascals, and Earl promptly found a couple of Wilson's Plovers to tie the record with 174. And then we just couldn't find anything new, even though there were hordes of gulls and terns out there. We tried really hard to find a Caspian Tern, without any success, and finally figured we would just "go get" a Great Horned Owl to set a new record. If you don't know what's coming next, you have not been paying attention. We COULD NOT find a Great Horned Owl, on Jekyll or anywhere else. We tried all the Jekyll spots, went out and checked the poles along the entire causeway, tried some more spots, came BACK to Jekyll again, and finally gave up at around 2130, exhausted and hungry. We probably could have gone elsewhere and found one, but we were just so darn tired we didn't. The totals were 174 species, tying the record, and 769.9 miles, though it seemed like twice that number of miles. I think Rhode Is sounds like a good state to do Big Days in next time... even though this one was the usual blast and we raised close to \$1500 for the Atlanta Audubon Birdathon.

GEORGIA #2 – 29 July 03- 0000 to 2002 – Species Totals 132/128; (Team/Shared): Giff Beaton 132, Malcolm Hodges 129, Earl Horn 130. 603.5 miles by car, 3.0 miles by foot. *Visiting: Dawson Forest WMA, Watson Spring, East Georgia Turf Farm, Altamaha WMA, Andrews Is, Jekyll Is, Saint Simons Is. Species of note: Black-crowned Night-Heron (M), Ross's Goose (V,S), Greater Yellowlegs (M), Lesser Yellowlegs (M), Herring Gull (M), Northern Rough-winged Swallow (M), Summer Tanager (M).*

While July is not exactly an exciting month in which to do a Big Day, the old record of 130 was ripe for the taking and so our team of Malcolm Hodges, Earl Horn and Giff Beaton decided to bite the bullet and give it a go on 29 July 2003. We started at Giff's house at midnight, getting one feeble response from a screech owl, and off we went. Our first stop was the Kennesaw marsh for Virginia Rail, since this species always gives us fits in the summer, and this time was no different with no rails. We did get Chuck-will's-widow and Canada Goose here, so it wasn't a total loss (besides sleep!), but close.

We headed next to the now required stop for the Ross's Goose in Ila, and though we quickly got it (we think as soon as the headlights sweep over the pond that flock says "there are those goofy birders again!") we didn't hear anything else, specifically not the local Barn Owl. We then headed up toward Dawson Forest WMA for the dawn "chorus" and found a Barn Owl at one of Jim Flynn's spots near there. So, after trying for the two other big owls for a couple of hours (never did get Barred), dawn found us ears peeled at the WMA. Sadly, the "chorus" turned out to be

about one song each by four species, but we soldiered on and pished and squeaked up a few more species to leave there at 0716 with a paltry total of 34. It's tough when you find yourselves already horrendously behind at 7 AM! We did get a few good species here, including Bobwhite, chat, and the ever-troublesome Wood Duck. Highlights were lots of singing Whips and Chucks and a pre-dawn total of 12 screech owls!

We started south and snagged Collared-Dove and Phoebe on the way, and headed over to Earl's house (right on our route) for some hopefully easy yard birds. We arrived at 0808 and spent only 13 minutes tallying 9 new species. Good gets here included Red-headed Woodpecker, the hummer, both White-breasted and Brown-headed Nuthatches (only one quick feeder BH), and both Song and Chipping Sparrows. The latter four we would not find again all day, making this a very good stop. We struggled our way through morning traffic until we cleared Atlanta metro and could open it up heading south, next stop in Watkinsville.

It took about an hour to get there, and we first hit a private area of marshes and pastures, but got virtually nothing here. This area has been somewhat degraded in recent years, and we only added three species of significance: Cliff and Bank Swallows and Solitary Sandpiper. None of the hoped-for breeding passerines were found, and we zipped down to the Watson Spring trail to try for many of them again. This trail, which can be great, was absolutely dead and we added only Eastern Wood-Pewee and Black-and-white Warbler. We left there hot, sweaty and discouraged at 1028 with a whopping total of 71, on time but WAY low in numbers. On the plus side of the ledger we did have lots more chigger bites than we had started with...

The trip south was a bit better, as we added eight new species on the way. This included tough species like Mallard (spotted at 60 mph by Earl at a farm pond), overhead Mississippi Kites and Broad-winged Hawk, Common Ground-Dove (spotted by Malcolm on a powerline... at 60 mph), and Loggerhead Shrike. We sped into the East Georgia Turf Farm with our usual goal: add a stupendous number of species without spending any time here. We usually fail on both counts, and these trends have a way of maintaining themselves! We did add 4 new species, including Pectoral and Least Sandpipers, but didn't find any good species or numbers of other shorebirds. There was one decent little pond that had many birds in it, but we could not get close to it and could scope only the species above. We did get back on schedule, though, and left there at 1329 with a still-low 83 total. Sadly, at a gas stop leaving here, Earl spotted a Swallow-tailed Kite soaring but since we had the other team members inside getting drinks we could not count it (timeout rule) and never did find another one, though we certainly tried.

At this point, we decided to change our next stop from another wetland area to the Savannah-Ogeechee Canal Park in an attempt to recover some missing passerines. We didn't even have Downy Woodpecker or Summer Tanager yet! Even though it was pretty hot and mid-afternoon, we were so hurting for this group that we thought it was worth the time we would spend, and this turned out to be a good decision. We added seven species here in 24 minutes,

including several missing warblers (and the Downy!) and bailed out of there at 1443 with 91 species. We knew we had a poor total, but we were missing so many species still it was worth pressing on and trying to pack in as much as possible before dark (not exactly a new idea for any Big Day) and on we went.

The rest of the route is largely set in stone, Altamaha WMA and south beaches, so at least we pretty much knew exactly how much time we had to spend and only had to figure out where to spend it. We cruised into the Altamaha WMA and immediately started trying to find any shallow impoundments. We did find a few birds from the east tower, but did not think we had time to trot the dikes looking for more, so we quickly checked some spots on the west side and continued on. We did add 11 species there, with a few good ones like Black-necked Stilt, Glossy Ibis, Painted Bunting, and American Coot thrown in. We of course missed many of our hoped-for "recovery" species in there, but without the time to search for the right ponds we just couldn't get them all. We left there with 103 species at 1626. We made one quick forest stop south of there and added one American Redstart, and headed for the beaches. Since the tide was still pretty low, we changed the order of the route to get to the best beach (St Simons) last and hit Andrews Is first.

The spoil site is still off-limits, but the causeway is always worth checking and even though some fishermen had flushed whatever might have been close, we managed to glean 12 new species here. Most were coastal species that we were certain to get anyway, but a couple of good ones were Caspian and Gull-billed Tern and Short-billed Dowitcher. We headed over to Jekyll Is with 116 species at 1711, still with some light to work with and more choices to make.

We tried the Amphitheater roost pond first for Black-crowned Night-Herons, but got nothing, and couldn't find any passerines either. We made a quick pass by the Convention Center to pick up Gray Kingbird, found two, and headed down to the south end. The usual sprint out to South Beach came to a skidding halt when Earl spotted a Wilson's Plover in front of us, and then we hit the beach to scan the flock of roosting gulls and terns. Unfortunately for us, though there were hundreds, virtually every single one was either a Laughing Gull or a Royal Tern. We did add Black Skimmer, Sanderling, and Ring-billed Gull, but none of the hoped for shorebirds. We sprinted back to the car and left at 1826 with 121 species, record within reach but maybe not by much. A stop by the old marina on the way out was fruitless...

On the way off the island we stopped at the Welcome Center, where Earl spotted a Whimbrel and we all found Semipalmated Sandpipers. We then stopped at the creek along the causeway and quickly got Marsh Wren, and when Malcolm found a couple of Seaside Sparrows we shot out of there with 125 species at 1852. We next took a quick turn down to the US 17 roost site, quickly found some Roseate Spoonbills, and turned back around to our last spots on St Simons Is.

Really our only remaining shot was the beaches at Gould's In, and though the tide would be slightly high it would be pretty close to ideal, so we rolled up to the scanning spot

and hopped out with our scopes for our last gasp. We quickly found a few new species: one lone American Oystercatcher, and both black-backed gulls (four Lessers!). We did not find our missing shorebirds here either, but careful scanning of the few terns around added Black and Forster's for a new record total of 131. We stayed until almost dark, scanning for anything in general or a Herring Gull in particular in vain, and finally headed into the village to grab some food. However, sitting at a light, a Great-crested Flycatcher suddenly called a couple of times for our last species, 132. So, we called it a (Big) day at 2002 after 600 miles of rollicking through much of Georgia and headed for the barn.

As usual, though we were dog-tired after a long day (and night), we felt that we had done the best with what we had and will tweak the July plan for another shot next time. It might be better to run this at the beginning of the month to get more singing, but that will have to be balanced against the migrants that are around at the end of the month and not before. Only time will tell!

GEORGIA #3 – 22 Dec 03- 0017 to 1812 – Species Totals 145/141; (Team/Shared): Giff Beaton 145, Jim Flynn 142, Malcolm Hodges 144, Earl Horn 141. 554.5 Miles by car, 2 miles by foot. *Visiting: Magnolia Springs SP, East Georgia Turf Farm, Sterling Creek WWTP, Harris Neck NWR, Altamaha WMA, St Simons Is, Andrews Is Causeway, Jekyll Is. Species of note: Reddish Egret (L), Greater White-fronted Goose (R)(S), Osprey (M), Merlin (R), Pomarine Jaeger (R), Parasitic Jaeger (R), Orange-crowned Warbler (M), House Finch (M).*

One of the last Georgia Big Day records left under 140 was December, so on 22 December 2003 Jim Flynn, Malcolm Hodges, Earl Horn and I (Giff Beaton) finally got our schedules together and tried to top that mark, which would also beat the old record of 133. The tide would be low on the coast when we got there, not a good thing for us, and we could do virtually no scouting, but that was the only date in Dec we could all manage.

We started at midnight with an old favorite, a Ross's Goose at a farm pond where the owner graciously allows us to come in at midnight to spotlight, and got the goose and a flyover Barn Owl to boot. We made a few other stops for owls and picked up Great Horned, and then went into a large wastewater treatment marsh complex (with permission) at 0338 for rails. We easily picked up all three expected species and heard or saw several species of flying ducks, and also heard a couple of Barred Owls on the way out. We left here at 0458 with 17 species, which is a pretty decent start. After finding a screech-owl just south of there at 0536 we made a quick refreshment stop at McDonald's and headed to our dawn stop, a large private farm pond in Burke Co.

After some listening near a marsh until dawn, where we snagged the always-tough Field Sparrow, we headed for the pond and arrived at 0715. We quickly started checking off waterfowl, including Greater White-fronted Goose, Ruddy Duck, and Horned Grebe, and added other key species like Bald Eagle and several Greater Yellowlegs. We left there at 0731 with 53 species, continuing our good fortune so far. We then headed for Magnolia Springs SP, a good site for

winter landbird species, and the nearby converted hatchery at Bo Ginn Ponds. The ponds were mostly dry, but we picked up a few species we wanted there including Least Sandpiper, Wilson's Snipe, Red-headed Woodpecker, and American Pipit. A quick loop through the park garnered several planned-for birds and a few misses. The best species here were two Brown Creepers, several Cedar Waxwings, and a flock of 20 Dark-eyed Juncos. One unexpected "get" here was a tick Jim picked up, in 25-degree weather! We did a short side trip into Millen for House Finch, but did not find any and ended up missing them for the day. After all of this we turned south with 78 species at 0850.

As we sped south on US 25 we noted a series of wastewater treatment ponds near Millen but didn't find anything in them, and then took one planned detour into some agriculture fields. We were rewarded there with zillions of pipits and one single Vesper Sparrow that Malcolm spotted in a small bush. As we headed south to the East Georgia Turf Farm we also picked up a few road species like Loggerhead Shrike and missed on a few long shots like Baltimore Oriole in pecan orchards. We entered the sod farm maze of dirt roads choking on the dust put up by a huge tractor we got stuck behind, but found our two key species here in Common Ground-Dove and Horned Lark, the latter being one spotted way out on the sod by Earl. Our total was now 86 and we were on schedule at 1007. Our recent mid-winter attempts have been realigned to spend more of the day on the immediate coast, and that's where we would spend the rest of the day.

Our first "coast" stop was the usual blast through the Savannah airport ponds, where we found a few duck species, no shorebirds, and our only Chipping Sparrows for the day. Even though we didn't get much here, it is a short stop and always worth the few minutes it takes. We then headed south to the Richmond Hill STP, and after a quick sign-in toured the ponds. There we found lots of teal, but no ducks we really needed, and we were again serenaded by members of all three expected rail species. Some days we work this place to death and get no rails, but today they were calling all over the place without prompting. Our best birds here were both marsh wrens, and we left at 1145 with a total of 99 species. We managed to get all the way into Harris Neck NWR before getting species number 100, Boat-tailed Grackle, and started working our way around the loop. Woody Pond was really cluttered with Common Moorhens, a very high winter number of 200, and Black-crowned Night-Herons but no storks. One of the reasons we added time on the coast was to try to pick up landbirds, so we worked slowly through the loop and eventually found most of our targets like Yellow-bellied Sapsucker, White-eyed Vireo, Blue-gray Gnatcatcher, Gray Catbird, and Yellow-throated and Black-and-white Warblers. We missed Orange-crowned Warbler here and knew we would be in trouble, and in fact never found one. Our total leaving HNNWR was 110 and we were still on time at 1328. We also made a quick powerline stop and added Henslow's Sparrow. At this point we knew we were in pretty good shape but were still concerned about the tide, and headed to the Altamaha.

Our first stop there was the east tower, where we got nothing but some far-off ducks we could not id, so we went back down US 17 to the south end of the WMA to try to

scope the ducks. We did find the ducks but couldn't find anything new in them. Malcolm did spot a flying Glossy Ibis but it landed before we could all get on it, and we had Bald Eagle number two here. On a back pond we found a couple of Lesser Yellowlegs, and then it was back in the truck for the trip to St Simons Is and our first beach stop. Our total was now 114 and still on time at 1459.

We didn't pick up much on the way out to Gould's Inlet, and it's hard to describe how awful it feels to roll up to your best beach spot and see nothing but miles of rolling flats empty of birds! We had been expecting it, though, so we whipped out the scopes and started scanning for species. Earl spotted a far off and very late immature Reddish Egret for a great pickup, and we methodically plucked out the species we needed one by one. We found most of the common or expected species, but not really any of the "good" ones that we normally find only when there are lots of birds present. In addition to the egret, our best finds here were a lone Piping Plover and some distant gannets. We left here at 1546 with a total of 130 species, debating where to spend our remaining time and what places at Jekyll we might pick up more beach species.

We first zipped over to Andrews Is, where we found a few species we already had but normally still need like Horned Grebe and Lesser Yellowlegs, and lucked into two distant American Avocets we spotted way out on the mud flat. We knew we did not have much time for marsh sparrows or a good tide situation (still low), but did some quick pishing that netted only a short flyby for Malcolm and I of an unshared "sharp-tailed sparrow sp." We also quickly checked some night-heron roost trees but found only more Black-crowned and left for Jekyll with 133 species, tied with the old record, at 1423.

We were concerned about the amount of daylight left, and quickly calculated that we could not hit every possible spot on Jekyll. So, after a quick stop at the Causeway Visitor Center that added no new shorebirds but did add Wood Stork and Merlin, we blew off Ski Rixen and the Amphitheater and went straight to the north end to scan for ducks. This turned out to be a fantastic stop, as we scooped up several great species quickly. First, Jim gleaned some Greater Scaup out of the scaup flocks, and then some Black Scoters. He then found some Surf Scoters, and then he spotted a fast-flying Parasitic Jaeger! We all got on both species, and then we saw a few other jaegers there as well. We then found an adult Pomarine Jaeger chasing the gulls, and although we could not find any Lessers we watched about 25 Great Black-backed Gulls fly south. Here we also spotted two Red-throated Loons that vanished just as quickly and then spotted three Red-breasted Mergansers flying by for our 8th pickup here. This was a super stop, and pushed us up to 144 species, so we sped out of there in the fading light to try for a few of the missed beach species. We decided to try the beach off the soccer fields, after not finding anything down the main beach heading there. We trotted out the boardwalk, chuckling over the dozen or so catbirds we heard calling in the descending dusk after working so hard for one at Harris Neck, but didn't find anything out at the beach. We also tried the St Andrews picnic area, but it was just too dark and we added nothing there either. Since it was now dark, we made one last try for a Whip-poor-will, and managed one near the recycling

center. We finally called it a (long) day at 1812, with a new record of 145 species.

IDAHO – 14 June 03- 0345 to 2100 – Species Totals 132/132; (Team/Shared): Chuck Trost 132, Tracy Payne 132. 403 Miles by car, 5 miles by foot. *Visiting: Pocatella/Is Park. Species of note: none.*

ILLINOIS #1 – 02 June 03- 0000 to 2200 – Species Totals 136/129; (Team/Shared): Caleb Gordon 134, Jeff Sundberg 132, Kris Sundberg 132, Joe Lill 131. 610 miles by car, 5 miles by foot. *Visiting: Kickapoo SP, Middlefork CA, Newell Road, Pembroke Township, Momence Sod Farms, Palos sites, Lake Calumet sites, Paul Douglas Preserve, Waukegan Hr. Species of note: Harlequin Duck (R,L), King Rail (R), Palm Warbler (L), Caspian Tern (M).*

After regaining the July record last year, we realized that we now also held the summer record for Illinois. That was great, but we figured that we could do much better in June, since there was a possibility for late migrants. We didn't do too well with those, as it turned out, but we got every expected central Illinois resident, and with the northeast birds, we passed the old record of 122 by late afternoon. We avoided the lakefront traffic (and a number of late migrants, unfortunately) and didn't go to Lake Michigan until the early evening, at Waukegan. There was a payoff, though. Besides the late Palm Warbler, Least Sandpipers and Laughing Gulls, we had a male Harlequin Duck at the swimming beach, which seems to be the first documented June sighting of this species in Illinois! There's room for growth in June, as we only had one tern species (Black) and two sandpiper species (Spotted & Least). This was a momentous trip for Joe, as he reached 300 in Illinois with the Western Meadowlark at the Momence Sod Farms. After doing July Big Days in each of the last four years, it was a source of constant amazement to us to actually hear and see good numbers of birds. June; a fine month!

ILLINOIS #2 – 31 July 03- 0015 to 2115 – Species Totals 128/128; (Team/Shared): Keith McMullen 128, Dan Kassebaum 128, Travis Mahan 128. 503 Miles by car, 5 miles by foot. *Visiting: Ferne Clyffe SP, Cache R, Mermet Lake CA, Pomona, Sauget Marsh, East St. Louis, Horseshoe Lake, Carlyle Lake. Species of note: Sanderling (E), Laughing Gull (R,S), Western Kingbird (R, S), Blue-winged Teal (E), Scarlet Tanager (M), Cerulean Warbler (M), Great Horned Owl (M).*

We reestablished the July Big Day record after finding that our June record had just been shattered by Joe Lil's team. Hence, our back and forth Big Day record setting and breaking with their team has begun, in a friendly, good-natured competition sort of way.

ILLINOIS #3 – 1 Nov 03- 0300 to 1700 – Species Totals 105/103; (Team/Shared): Keith McMullen 105, Dan Kassebaum 103, Travis Mahan 103, Frank Bennett 103. 317 Miles by car, 5 miles by foot. *Visiting: Carlyle Lake, Eldon Hazlet SP, Whitetail Access, and Parking Lot 2. Species of note: Canada Goose (M), White-winged Scoter*

(R), Western Sandpiper (L), Baird's Sandpiper (L), Tree Swallow (L), Orange-crowned Warbler (L), Nelson's Sharp-tailed Sparrow (L), Vesper Sparrow (L), Dickcissel (L).

This establishes a new November Big Day record, breaking the century mark this time, despite missing our nemesis November Big Day species – Canada Goose!

ILLINOIS #4 – 6 Dec 03- 0300 to 1700 – Species Totals 100/99; (Team/Shared): Keith McMullen 100, Dan Kassebaum 100, Travis Mahan 99, Frank Bennett 100. 293 Miles by car, 4 miles by foot. *Visiting: Feryne Clyffe SP, Johnson and Pulaski Co's, Mermet Lake, Union Co CA, Rend Lake, Cypress Creek NWR, Crab Orchard NWR, Trail of Tears SF. Species of note: Belted Kingfisher (M), Great Horned Owl (M), Loggerhead Shrike (M), Red-necked Grebe (R), White-winged Dove (V), Tree Swallow (L), Eared Grebe (R), Least Sandpiper (L), Pine Siskin (R).*

This sets the December Big Day record, which we previously broke in December 2000 with 93 species.

INDIANA #1 – 16 May 03- 0100 to 2230 – Species Totals 167/158; (Team/Shared): Lee Casebere 163, Cliff Chapman 163, Cloyce Hedge 164, Roger Hedge 163. 334 Miles by car, 1 mile by foot. *Visiting: Michigan City Hr, Beverly Shores Drive, Duns SP, Lake Co traps, Kankakee Marsh CP, Beaver Lake Nature Preserve, Kankakee Sands, Willow Slough Fish and WMA, Pine Creek Valley, The Burn. Species of note: Pacific Loon (R), Osprey (R), Northern Harrier (R), Virginia Rail (M), Greater Yellowlegs (M), Upland Sandpiper (M), Dunlin (M), Hudsonian Godwit (R), Bonaparte's Gull (R), Black-billed Cuckoo (R), Pileated Woodpecker (M), Northern Mockingbird (R), Cape May Warbler (M), Blackpoll Warbler (M), Prothonotary Warbler (M), Western Meadowlark (M), Yellow-headed Blackbird (R).*

Comment: The "DNR Team" raised approximately \$5500 for the Amos Butler Audubon Birdathon.

INDIANA #2 – 17 May 03- 0300 to 2200 – Species Totals 170/166; (Team/Shared): John Cassady 169, Jeff McCoy 170, Brendan Grube 167, Brainard Palmer-Ball 169. 300 Miles by car, 2 miles by foot. *Visiting: Michigan City Hr, Beverly Shores, Dunes SP, Forsythe Park, Stateline Woods, Grand Kankakee Marsh, Willow Slough FWA, Kankakee Sands, Benton Co, Big Pine Creek Woodland. Species of note: Ring-necked Pheasant (M), Northern Bobwhite (M), Forster's Tern (M), Black Tern (M), Barred Owl (M), White-eyed Vireo (M), Prairie Warbler (M), Lincoln's Sparrow (M).*

Our first stop was just outside the Port of Indiana for Great Horned Owl (hoping to hear a fledgling call near the nest site). We missed the owl but recorded our first bird of the day at 0300 - a Spotted Sandpiper that flew up from the road. At a parking lot at Dunes SP we heard the nocturnal calls of Gray-cheeked Thrush and Yellow-billed Cuckoo.

We arrived at Michigan City a little after 0500. The Harbor, however, was a bit of a disappointment with no surprises, but we did have a flyover American Pipit.

Our traditional slow drive through Beverly Shores was productive (we avoided the notorious local police who usually have us move along before we're ready) and we picked up most of the expected local species and migrants, including a Golden-winged Warbler. At Lakeview the staked out Pacific Loon was apparently gone. Another blow was struck when we were met with silence at the traditional Beverly Shores Prairie Warbler site (they were singing here the day before).

At Dunes SP we added the expected birds, but despite being behind schedule decided to make another attempt at Prairie Warbler and missed it here as well (it was singing away at this spot the next day).

We returned to the owl nest site near the Port of Indiana for a quick stop and this time found one of the young Great Horned Owls. We skipped George Lake Woodlot to save time, which proved to be a fatal mistake when we later found that another birder had seen Olive-sided and Yellow-bellied Flycatchers and Lincoln's Sparrow here—three much need species. At Forsythe Park we easily found Yellow-headed Blackbird on the lawn and found the trees full of migrants. We were able to fill in some holes in our warbler list including a Mourning Warbler feeding uncharacteristically up in the higher branches.

We left the lakefront at 1130, only about 1/2 hour behind schedule, but with a morale-breaking total of only 127 species (our total at this point during the 1999 record count was 151!). When we arrived at Grand Kankakee Marsh, morale sunk even lower when we found that a 20+ mph east wind had kicked up, usually the kiss-of-death on a Big Day. Fortunately it was cool, with a high in the mid-60s F, so many birds stayed active all day. The staked-out Eared Grebe was gone.

In the Old Prairie Chicken Refuge area near Willow Slough we ticked off our targets with relative ease despite the high winds. Our staked out Eurasian Collared-Doves, however, failed to appear.

At the productive Kankakee Sands south Unit K wetland there was already a large group of birders out walking the area so we decided to try and come back later when things had settled down. We never had time but found out later there wasn't much out there in the howling wind anyway. The staked out Hudsonian Godwit was gone and we missed Ring-necked Pheasant and Northern Bobwhite, both abundant here but almost impossible in strong winds. We arranged to meet the property manager at Patrol Road to open the gate and let us drive into J. C. Murphey Lake, thus saving valuable time. Unfortunately the draining lake and extensive mudflats that we had counted on to provide a bounty of bonus birds were virtually birdless. The staked-out Sandhill Cranes, American Wigeon, Northern Pintail, Laughing Gulls, Forster's Terns, Common Terns, and Black Terns were nowhere to be seen.

Next we headed south for Benton Co and visited a couple flooded fields that had been located during scouting which allowed us to fatten up our shorebird list a bit.

We continued south to Big Pine Creek Woodland in Warren Co and did very well with southern specialties at the woodland in relatively short order, but again no Barred Owl where they normally call readily, and we tried hard for it.

It was 2015 when we arrived back at Kankakee Sands' Unit K wetland and it grew dark before we could locate the resident Wilson's Phalaropes or Least Bittern (present the next morning).

Exhausted and down-trodden, we debated whether or not to make one last attempt for Barred Owl. We decide to go for it and drove to a spot I had been hearing them call regularly, but at 2200 experienced the final burn of the day when we were met with dead silence. Our total was 170 species, 18 fewer than the previous record. In the end we had lots of luck, but most of it was bad. In order to come close to the old record everything has to go almost perfectly. We needed a three-day window so we could have chosen a day with less wind. Many of our staked-out birds left and we missed most of the tough 50/50 birds. We added up a whopping total of 30 species that were seen immediately before the count but were missed count day. We recorded only six "Unexpected" birds that weren't on our field list: Broad-winged Hawk, Black-bellied Plover, Ruddy Turnstone, Sanderling, Mourning Warbler, and Summer Tanager, and we recorded no true "bonus birds".

In contrast, the record Big Day of 1999 (188 species) had only 2 "Big Misses" and 20 "Unexpected" birds that weren't on the field list, and of these 12 were true "Bonus Bird" rarities. Maybe next year.

KANSAS #1 – 5 Jan 03- 0630 to 1800 – Species Totals 102/100; (Team/Shared): James Barnes 101, Chet Gresham 101, Kevin Groeneweg 101, Pete Janzen 100. 250 miles by car, 2 miles on foot. *Visiting: Medicine Lodge area, Thompson Creek Road, Quivira NWR, Cheney Res, Earhart School (Wichita), Twin Lakes (Wichita). Species of Note: Tundra Swan (S), Golden Eagle (R), California Gull (R), Long-eared Owl (S), Eastern Phoebe (S), Northern Shrike (R), Gray Catbird (R).*

Late in 2002, several of us Wichita birders decided that a few months of the year had Kansas Big Day all-time high counts that were somewhat vulnerable. We decided to make Kansas Big Day attempts in January, February, and March. This January attempt took advantage of considerable advance scouting, especially on the Red Hills CBC the day prior to the Big Day. (We stayed overnight in Medicine Lodge the night after the count). This gave us a really good start, as we located semi-difficult species such as Virginia Rail, Marsh Wren, Yellow-bellied Sapsucker, and Fox Sparrow, all within an hour or so of sunrise. We were able to re-locate one of the Eastern Phoebes that had been found on the CBC, about 5 miles west of Medicine Lodge. Between Sun City and Belvidere we lucked into a Greater Roadrunner, which we had hoped for, but not counted on. Taking the Thompson Creek Road north out of Belvidere, we found a stunning Golden Eagle, which I hadn't seen in many years in Kansas, and was a state lifer for Kevin. Also on that 6-mile stretch we had a Northern Shrike and four Rough-legged Hawks. Then we were off to

Quivira. A Prairie Falcon gave a nice show as it stooped on Horned Larks in the open country on the way to Quivira, and we got all four goose species in a single field in Pratt Co. The five Tundra Swans were still at Quivira where they had been reported for several weeks, as were the Long-eared Owls roosting at a pine grove near the refuge. We then proceeded to Cheney Res, arriving after 1500. We could not find the Pacific Loon and Western Grebes reported just a day earlier at Cheney, but we did quite well on gulls, including an adult California Gull. Leaving Cheney at about 1600, we already technically had a new high for a January Big Day in Kansas, but wanted to pad the list a bit. One of our big goals had been to beat 100 species for the day, and we weren't there yet. We raced to the native habitat area at Earhart School in Wichita, which had hosted Brown Thrasher and Gray Catbird three weeks prior. We found those, plus a bonus Sharp-shinned Hawk and Spotted Towhee. By now it was very dark, but on a last minute inspiration we raced to nearby Twin Lakes Mall, a warm lake with many adjacent utility lights. We were actually able to identify Pied-billed Grebe and Wood Duck "under the lights", which put us at 101 species. We had one last addition, the huge roost of Great-tailed Grackles in the ornamental pear trees at another brightly lit Wichita mall. The vaguely tropical calls of these thousands of birds sounded especially odd in the cold, breezy dark of a January night on the plains. With this new January total, all months of the year now have Kansas Big Days exceeding 100 species. Only 7 other states can claim this, based on the 2002 ABA List Report!

KANSAS #2 – 28 Feb 03- 0530 to 1900 – Species Totals 99/99; (Team/Shared): Chet Gresham 99, Kevin Groeneweg 99, Pete Janzen 99. 370 miles by car, 2 miles on foot. *Visiting: Slate Creek Wetland, Wellington Lake, Medicine Lodge area, Haviland, Cheney Res, Wichita. Species of note: Golden Eagle (R), Prairie Falcon (M), Sandhill Crane (E), Thayer's Gull (R), Glaucous Gull (R), Belted Kingfisher (M), Brown Thrasher (R), Ruby-crowned Kinglet (M).*

This was the second of our attempts to beat the Kansas Big Day records for January, February, and March. Our basic strategy was to combine elements of our successful January route with some additional stops early in the day. We began at Slate Creek Wetland, where we scored Barred Owl before dawn. After sunrise, we spent about 90 minutes at the wetlands where we had at least 7 Short-Eared Owls, with at least six visible at once near the observation tower, all lined up on the fence. Also, we had seven Bald Eagles in sight at once about one mile east of the Slate Creek Church, near the Arkansas R. Good numbers of Swamp and Savannah Sparrows were observed, among other sparrow species. There had been a big snow a few days before, and we came very close to ending the trip early when we got into some very deep drifts. But Kevin's superior 4-wheel driving allowed an escape. On to Wellington Lake, where we had quite a number of Virginia Rails respond to a tape recording of their calls in the extensive cattail stand below the dam. A Richardson's race Merlin made an appearance here. Now we made the 70-mile jump west to the Red Hills. Near Medicine Lodge, we saw three Sandhill Cranes and heard several large flocks in fields just east of town. But here we had some

significant disappointment. A series of heavy snows since our January Big Day had apparently driven many birds from the area, and many of the species we had been counting on went missing. A lot of stops were eerily silent. We headed north earlier than expected because of this. After some debate, we used an hour or so detouring west to a prairie dog town near Haviland. We did get both Golden Eagle and Ferruginous Hawk here, but what this cost us in lost time elsewhere is a valid question. We hurried for Cheney Res, where we found very substantial numbers of waterfowl (mostly Common Mergs) and gulls, all concentrated in the limited area of open water along the face of the dam. These included several Red-breasted Mergansers, all of the regular diving duck species, a 1st year Thayer's Gull, a 2nd year Glaucous Gull, and a few hardy White Pelicans. We once again were swiftly losing daylight with the list a bit sparse, and in a repeat of the January trip, we rushed to the Earhart School, where the Brown Thrasher still lingered. We again added Pied-billed Grebe and Wood Duck after dark at the well-lit Twin Lakes Mall, and got a few Great-tailed Grackles at the roost site in east Wichita. This attempt to break the existing February record of 101 came up short, but not by much. We'll be back...

KANSAS #3 – 30 March 03- 0500 to 1700 – Species Totals 122/116; (Team/Shared): Chet Gresham 121, Kevin Groeneweg 120, Pete Janzen 120. 397 miles by car, 3 miles on foot. *Visiting: Kaw Wildlife area, Slate Creek Wetland, Wichita sandpits, Quivira NWR, Cheyenne Bottoms. Species of note: Snow Goose (M), Greater White-fronted Goose (M), Cinnamon Teal (E), Peregrine Falcon (S), Black-necked Stilt (E), Upland Sandpiper (E), Louisiana Waterthrush (E), Lark Sparrow (E).*

This route was a modification of one used in prior years by Chet and Tyler Hicks. We began the day by owling along the Arkansas R south of Mulvane, where we got the expected three species, and then proceeded to tallgrass habitat near Dexter, where we found our target bird—Greater Prairie-Chicken—along with Upland Sandpiper and other grassland species. This was followed by two hours of birding around the sprawling Kaw Wildlife area south of Arkansas City. This was time well spent. We did even better than we had hoped with early spring arrivals. Black-and-white Warblers and Blue-gray Gnatcatchers were easy to find, and we were pleased to find several early Louisiana Waterthrushes, Lark Sparrow, and Purple Martins, among others. We had 63 species in Cowley Co alone, and all before 0900. A brief stop at Slate Creek produced Wilson's Snipe and Greater Yellowlegs, and a few other species. We now headed north to Wichita. We had hoped to find the wintering Peregrine Falcon that had been present through the winter months, and we caught a glimpse as it flew among the tall buildings downtown. A stop at the large sandpits on the northwest edge of the city was productive, with Common Loon, Horned Grebe, Great Egret and a number of waterfowl species. The remainder of the day was spent at Quivira and Cheyenne Bottoms, where we found 9 species of shorebirds and 17 species of waterfowl, including a rather early Cinnamon Teal. The major disappointment of the day was missing the Brant that had been reported at Quivira, and which we later learned was actually seen near

the refuge on this day! It would have been a new Kansas bird for all of us. This total beat the existing Kansas March record by four species. While we did not have many true "misses", there were a number of species we had considered to be good possibilities, but which went unrecorded. On a perfect day, I think that a total in the range of 140-150 species is well within reach for a Kansas Big Day in March.

KANSAS #4 – 13 May 03- 0000 to 2100 – Species Totals 220/211; (Team/Shared): Mark Robbins 219, Roger McNeill 213, Sebastian Patti 217, Mike Rader 218. 586 Miles by car, 0.5 miles by foot. *Visiting: Konza Prairie, Baker Wetlands, Leavenworth Bottoms, Clinton Lake, Cheyenne Bottoms, Quivira NWR. Species of note: Surf Scoter (R), Whimbrel (R), Bonaparte's Gull (L), Yellow-bellied Flycatcher (R), Bay-breasted Warbler (R).*

Amazingly, we had 15 species this year that we did not have during last year's record breaking Big Day; thus, a total of 20 species were recorded last year that we missed this year. Over \$2,000 was raised for ornithology graduate students at the University of Kansas Natural History Museum.

KENTUCKY – 5 Apr 03- 0500 to 1930 – Species Totals 100/99; (Team/Shared): Hap Chambers 100, Roseanna Denton 99. 220 miles by car, 1 mile by foot. *Visiting: Kentucky and Barkley Lakes and Dams, Jonathan Creek and Fulton Co. Species of note: Prairie Warbler (E).*

As far as we know there is no record of a team of women reporting a Big Day in Kentucky. We set out to change the record books. We knew the end of the month when more migrants were coming through would be a better time to get the most species, but our schedules didn't allow for that. We decided to go ahead with it and called it our Big "Fun" Day!

We began at 0500 west of Kentucky Dam working our way to Lake Barkley and eventually Fulton Co. The day started with strong winds and terrible heat shimmers on the lakes. Our day was filled with good finds, disappointing misses, and a few hearty laughs. The first laugh of the day came when Roseanna was sucked in by a mucky hole while listening for a Virginia Rail. She came up a bit wet; but she managed to hold on to her birding gear. The rail took pity on the struggling ladies and called repeatedly. We spent too much of our time looking for waterfowl that we could not identify due to the heat shimmers. We came away from the lakes with only nine species of ducks and two species of geese. Double-crested Cormorants were literally everywhere and we can easily say there were thousands. The Bald Eagles shut us out at the dams so we headed to Lake #9 for the nesting pair that could be counted on. It was after noon, so we chose to forgo the Ospreys that nest on Honker Lake. We stopped at Jonathan Creek and added Gadwall, Red-breasted Merganser, Ruddy Duck, Least Sandpiper, Forster's Tern and Prairie Warbler. Time was running out and we learned a valuable lesson . . . 0500 wasn't early enough to start a big day! The extra time would have been valuable later in the day. Driving down Highway 94 toward Long Pt, Reelfoot NWR, we had the

most incredible sight of our day. Hundreds of American Golden-Plovers and Pectoral Sandpipers filled two fields. We didn't have the time to count all the birds but we felt an estimate of 500 plovers was very conservative. We added Northern Pintail and American Wigeon to our duck list to end with 13 species of ducks. Our biggest holes were owls, sparrows, and early migrants. Our final species count for the day was 100 with both of us seeing or hearing 99 of the 100. We drove 220 miles and ended our day at 1930.

The last laughs of our "Big Day" came the next morning when we awoke to Hap yelling COMMON MERGANSER in her sleep and later relating her dreams of Pectoral Sandpipers in trees! Thanks to all the Big Day fanatics who encouraged us to give this a try.

MAINE #1 – 20 April 03- 0700 to 1730 – Species Totals 68/68; (Team/Shared): Frank Paul Jr. 68. 25 Miles by car, 2.5 miles by foot. *Visiting: Scarborough Marsh in Scarborough, Two Lights in Cape Elizabeth, Evergreen Cemetery, and Capisic Pond in Portland, Machworth Is in Falmouth. Species of note: None.*

MAINE #2 – 31 May 03- 0200 to 2200 – Species Totals 132/124; (Team/Shared): Bob Duchesne X, Sandi Duchesne X, Lynn Vernon X, Nancy Larson X. ? Miles by foot, ? miles by car. *Visiting: ?.* *Species of note: Great Egret (R), Philadelphia Vireo (R), Hooded Merganser (M), Least Flycatcher (M), Ruby-crowned Kinglet (M), Northern Mockingbird (M), Rose-breasted Grosbeak (M), Eastern Meadowlark (M).*

Comment: This represents the highest total in three years for this team.

MAINE #3 – 27 May 03- 0400 to 2300 – Species Totals 128/126; (Team/Shared): Robert Milardo 126, Judy Markowsky 127, Bruce Barker 127. 230 Miles by car, 4 miles by foot. *Visiting: Greater Bangor area, Caribou Bog, Penjajawoc Marsh, Mount Desert Is. Species of note: Black-billed Cuckoo (E), Carolina Wren (R).*

Comment: This was our 19th annual Big Day and an average count.

MASSACHUSETTS #1 – 20 May 02- 0300 to 2040 – Species Totals 154/154; (Team/Shared): Seth Kellogg 154, Tom Swochak 154, John Weeks 154, Janice Zepko 154. 160 Miles by car, 1.5 miles by foot. *Visiting: Longmeadow Westfield, Southwick, Blandford, Agawam, Salisbury, Newburyport, Plum Is. Species of note: Long-tailed Duck (L), Merlin (R), Pectoral Sandpiper (R,L), Wilson's Phalarope (R), Purple Sandpiper (L), Black Tern (R), Gray-cheeked Thrush (R), Ruby-throated Hummingbird (M), Belted Kingfisher (M), Hairy Woodpecker (M), House Wren (M), Cedar Waxwing (M), Dark-eyed Junco (M).*

Small changes in our route are finally paying off in more time and species, so we had our best day yet in six years. There was a minor fallout of landbird migrants on the coast to help us. Although we had a clean sweep of night birds

and some raptors, upland woods and marshes were weak this year, keeping us from threatening the record. Besides the glaring misses, there were nine other regular species that did not show in the hill towns of Blandford and Granville. Most of the lowland residents came through except for Vesper Sparrow. We could not spend time to get Bald Eagle and Peregrine Falcon.

After two hours on the road, we arrived at the coast to find the bridge over the Merrimack closed, so we detoured to Salisbury, which gave us a rare Black Tern and a late Purple Sandpiper among other regular species. The delay getting to Joppa Flats cost us a good tide, but two good waterfowl species were consolation, along with the good birds at Pikul Farm in Rowley, including Wilson's Phalarope, Blue-winged Teal, and Glossy Ibis. Landbird migrants were at Oak Hill Cemetery and Hellcat, most notably a Gray-cheeked Thrush. With time and patience Plum Is produced most of the hoped for waterbirds and shorebirds before darkness set in. This time the traditional dinner at Molly's Pub in Newburyport was a cause for more than the usual celebration.

MASSACHUSETTS #2 – 19 May 03- 0300 to 2030 – Species Totals 143/142; (Team/Shared): Seth Kellogg 143, John Weeks 143, Janice Zepko 142. 175 Miles by car, 1.5 miles by foot. *Visiting: Westfield, Southwick, Blandford, Agawam, Holyoke, Deerfield, Turner's Falls, Newbury, Newburyport, Plum Is. Species of note: Tricolored Heron (R), Common Goldeneye (L, S), Sora (R), Cedar Waxwing (M), Yellow-throated Vireo (M).*

Only three members of the team, which we call 'The Bittern Enders', were able to make this Big Day. We are still fine-tuning our route to try and gain time, and we still lack a day when there is a fall out of landbird migrants. Night birds are now dependable and Northern Saw-whet Owl has been added as an expected species. The upland woods and marshes of Blandford and Granville provided some species we sometimes miss, but there was no sign of Common Merganser, raptors, or late arriving resident flycatchers. When the Canada Warbler did not sing, we tried a tape and were entranced when a male came out and danced while he sang on top of a rock outcropping on the side of the road. The Sora apparently nested in a new Beaver Pond in the backyard of one team member. Many lowland residents fell into place as planned, including Worm-eating Warbler and Grasshopper Sparrow, but Orchard Oriole and Vesper Sparrow were not to be found.

For the first time we went north before taking Route 2 to the coast and did well, getting the nesting Peregrines and Ravens in South Deerfield, and nesting Bald Eagle as well as Common Loon, White-winged Scoter and Common Goldeneye in Turner's Falls. The two-hour trip to the north shore is wasted time, until we get to the Cliff Swallows on the Merrimack R. The reported Golden-winged Warbler did not show, but gnatcatcher was easy. Getting coastal species was a slow slog with plenty of misses, but the Tricolored Heron and the immature Great Cormorant were surprises, along with the migrating flock of Black Scoters. There was no time to get to Cape Ann, so instead we ate a fine meal at Molly's Pub in Newburyport, toasting another fun-filled experience.

MINNESOTA – 12 July 03- 0600 to 1700 – Species Totals 75/73; (Team/Shared): Eric Huston 75, Rosemary Rader 73. 155 Miles by car, 1.5 miles by foot. *Visiting: Blue Mounds SP, Big Stone NWR. Species of note: Tree Swallow (M), Upland Sandpiper (M).*

We decided to do a Chaffin Day during a family visit to Minnesota. It was a lot of fun birding an unfamiliar area where we weren't entirely sure what to expect.

MISSISSIPPI – 7 May 03- 0400 to 2130 – Species Totals 158/157; (Team/Shared): Stephen J. Dinsmore (158), Philip J. Barbour (157). 565 miles by car, 1 by foot. *Visiting: Noxubee NWR, Sardis Lake, Coldwater R NWR, Humphreys Co catfish ponds, Yazoo NWR. Species of note: Neotropical Cormorant (V), Glossy Ibis (R), Sharp-shinned Hawk (L), Common Tern (R).*

We decided to try a northern Mississippi route to avoid the long drive to the coast. This route holds promise, and with better scouting and a good migrant fallout a total of 170+ species is possible. We also had some bad luck with the weather, including a near miss with a tornado that cost us several species and a half-hour delay.

MISSOURI – 19 Oct 03- 0700 to 1900 – Species Totals 74/74; (Team/Shared): Chadwick D. Rittenhouse 74, Christopher L. Merkord 74. 78 Miles by car, 4 miles by foot. *Visiting: Rock Bridge SP, Eagle Bluffs CA, City of Columbia Water Treatment Cells, Bradford Farms - University of Missouri, Thomas S. Baskett Wildlife Research and Education Center - University of Missouri. All locations in Boone Co. Species of note: None.*

MONTANA #1 – 18 Jan 03- 0800 to 1730 – Species Totals 71/69; (Team/Shared): Dan Casey 70, Susannah Casey 70, Bob Rost 70. 155 Miles by car, 0.5 miles by foot. *Visiting: Creston Fish Hatchery, Church Slough, Flathead Lake (Somers, Dayton), Polson SL, Lake Co Landfill, Ninepipe NWR, Post Creek, National Bison Range. Species of note: Eared Grebe (L), Virginia Rail (L), Mew Gull (R), Glaucous-winged Gull (R), Thayer's Gull (M), Golden-crowned Kinglet (M), Pine Siskin (M).*

This was our first ever January Big Day attempt. We had set an ambitious goal of 80. Our biggest disappointments were raptors; no Accipiters and only one kestrel on a route along which all five falcons are possible. Getting three jay species and Clark's Nutcracker in the first hour was a good stroke, as well as three owl species in the last hour. We were helped by a mild winter, with much open water available throughout the route. Still, Great Blue Heron eluded us. Virginia Rail was the only species attracted by tape. Thayer's Gull, usually the most reliable of the rare gulls at the Polson dump, was apparently there before we arrived.

MONTANA #2 – 17 Feb 03- 0745 to 1600 – Species Totals 76/76; (Team/Shared): Dan Casey 76, Susannah Casey 76, Bob Rost 76. 200 Miles by car, 0.5 miles by foot. *Visiting:*

Creston Fish Hatchery, Flathead Lake (Somers, Dayton), Polson Sewer Ponds, Lake Co Landfill, Crow Creek, Ninepipe NWR, Post Creek. *Species of note: Ruddy Duck (L), Thayer's Gull (R), Harris's Sparrow (R), Gray Jay (M), Pygmy Nuthatch (M), Red Crossbill (M).*

This was our first ever February Big Day attempt, following a successful January trip. We had again set an ambitious goal of 80. Our waterfowl list was excellent, owing to the large amount of open water during this mild winter. We came up one gull shy of our target for that group, with numbers much lower at Polson than earlier in the winter.

MONTANA #3 – 02 June 03- 0000 to ?? – Species Totals 192/186; (Team/Shared): Bob Kemp 190, Ron Weeks 188. 921 Miles by car, 2 miles by foot. *Visiting: Westby, Fort Peck, Bowdoin NWR, Malta, Glacier NP, Flathead valley, Mission valley. Species of note: Bonaparte's Gull (L), Red-naped Sapsucker (M), Lincoln's Sparrow (M).*

Twelve midnight found us listening to the calls of many Nelson's Sharp-tailed Sparrows as we anticipated the start of our 2003 Big Day attempt in the Big Sky country. Our last year's record setting run had convinced us that an even better number was possible and we were about to find out.

Le Conte's Sparrow was soon added along with Virginia Rail and Sora and a couple of headlight Short-eared Owls. On the long drive to Fort Peck we were treated to a spectacular show of Northern Lights, even stopping and getting out to marvel at the fantastic display. The early morning found us closing in on Fort Peck, but surrounded by an increasingly thick cover of fog. The combination of fog and rains of the previous day had turned our access road of our dawn start into gumbo and we were forced to change plans, probably saving a bit of time, but losing a few birds we wouldn't have a shot at again. Numerous Yellow breasted Chats and a lone Field Sparrow greeted us at our first stop. The Sharp-tailed Grouse lek was disturbingly quiet, but an Upland Sandpiper whistled overhead and when we turned to leave, a grouse flushed in front of us. OK!

We then went on to the lake, where the fog was heavier. The birds didn't seem to mind though. We quickly ticked Gray Catbird, Least Flycatcher, Black-headed Grosbeak, and Hairy Woodpecker. Our target Orchard and Baltimore Orioles took a bit longer, but soon we were headed uphill and out of the fog to try for Chimney Swift. No luck; it was too early, too foggy, and too cool.

We had nothing to do but head down the road towards our next destination, Bowdoin NWR. Although we picked up Greater Sage Grouse and Long-billed Curlew along the way, we could not shake the sometimes, heavy pockets of fog and as we approached Bowdoin we wondered if this might be an early end to this days attempt. As we neared the lake though, the sun was doing its work, and by the time we reached the refuge the day was clear and bright.

The ducks and resident shorebirds did not disappoint us and a late Bonaparte's Gull gave us a lift. In the grasslands surrounding the lake we picked up Baird's, Grasshopper, and Savannah Sparrows as singing Sprague's Pipits cruised overhead. Our staked out Long-eared Owl proved reliable but Green-winged Teal was another story, and it wasn't

until our last stop that we finally tallied one lone bird. Whew!

Onward now to Malta where we hoped for Blue Jay, Eurasian Collared-Dove and our last chance at Chimney Swift. And Bang, Bang, and————Bang. We had all three.

Leaving Malta we found ourselves actually on schedule and headed for the 250 odd miles of wide-open country that makes Montana the Big Sky country. The birds were few and far between out here but we added Ferruginous Hawk, McCown's Longspur, and a few others before Ron noticed the fuel gauge was ominously low. An onboard computer check just a few minutes before had indicated plenty of petrol to the next stop. Obviously it had lied. In desperation, we turned around hoping the very small town we had passed awhile back might have gas. We couldn't believe our good fortune as one of the two buildings that made this town actually had a pump in front of it. A fill up here and we again headed west but into increasingly deteriorating weather.

Wind and rain accompanied us into the foothills of the Rockies where we barely slowed down to record Barrow's Goldeneye, Horned Grebe, and Black Tern. By the time we reached Marias Pass, it was really blowing and we were lucky to come away with Fox Sparrow, Wilson's Warbler, Gray Jay, and a few others. Our luck changed a bit as we headed west from the pass and we found the wind had diminished when we stepped out of the car at our American Dipper spot. Here in the lee we quickly added Townsend's, Audubon's, and MacGillivray's Warblers along with Ruby-crowned Kinglet. The rain continued intermittently as we entered West Glacier but a quick visit to a feeder gave us Rufous and Calliope Hummingbirds, Cassin's Finch, and Evening Grosbeak. Our struggling through the wind and rain had cost valuable time and we decided to forgo our loon and Steller's Jay stops and hoped we might find them later.

Our destination now was the Flathead Valley and we hoped, a new set of birds. The pace seemed to pick up a bit now as the late afternoon bore down on us. Pygmy Nuthatch—a miss. But then a Wild Turkey craned its neck out of a grassy field and we got another very lucky tick when a Turkey Vulture banked overhead. Another try for Pygmy Nuthatch—no luck. We then missed Winter Wren. The afternoon was taking its toll. But we were in sight of new record, the weather had improved, and as we headed for the Mission Valley, we were fairly optimistic.

Our first targets were Dusky and Cordilleran Flycatchers, Canyon Wren, and Nashville Warbler. All but the warbler cooperated. A staked out Black-backed Woodpecker did not appear. In the late afternoon sun we picked up Bald Eagle and a last gasp Nashville Warbler. We now had eclipsed our last year's record and hoped to add a few more. In the quickly fading daylight, a Hooded Merganser in a small pond and a flyover Forster's Tern grabbed our attention. Now with only an hour or so remaining we scoured some of the surrounding windbreaks and came up with a Great Horned Owl. A possible Flammulated Owl stop came up dry and we headed for our saw-whet spot where a calling bird capped the day for a new Montana record of 192.

MONTANA #4 – 9 Nov 03- 1000 to 1600 – Species Totals 58/56; (Team/Shared): Dan Casey 58, Susannah Casey 57, Bob Rost 56. 110 Miles by car, 0.1 miles by foot. *Visiting: Somers area farmland, Flathead Lake (Somers, Woods Bay, Dayton), Polson Sewer Ponds, Lake Co Landfill. Species of note: Pacific Loon (R), Thayer's Gull (R), Mew Gull (M), Ring-necked Pheasant (M), Golden-crowned Kinglet (M), American Robin (M).*

This was only a half-hearted Big Day attempt, which began simply as a gull trip to Polson. As the day progressed we put a bit more effort into it. Bob's early morning birding, more along the line of our usual winter route, would have added 10 or more species; as it was, we spent almost no time looking for forest bird species. A Dunlin and Baird's Sandpiper present earlier in the day north of Somers were not there when we checked.

NEVADA #1 – 08 Sept 03- 0630 to 1630 – Species Totals 74/72; (Team/Shared): Donald Chalfant 73, Carolyn Titus 73. 100 Miles by car, 2 miles by foot. *Visiting: Corn Creek Field Station at Desert NWR, Indian Springs SL, Spring Mtn NRA, and City of Las Vegas. Species of note: Williamson's Sapsucker (R), Yellow-rumped Warbler (M), Horned Grebe (E).*

Our daily objectives were to spend the better part of a day enjoying the birding opportunities near Las Vegas and to add species to my (Donald Chalfant) Nevada state list. It seems that in the process, we had a Chaffin Day!

NEVADA #2 – 19 Nov 03- 0630 to 1830 – Species Totals 99/96; (Team/Shared): Patricia Ward 97, Kenneth Ward 98. 186 Miles by car, 8 miles by foot. *Visiting: Henderson Birding Ponds, Corn Creek, Las Vegas Wash, Silverstone Golf Course, Sunset Park, Tule Springs SP. Species of note: Loggerhead Shrike, Prairie Falcon (R), White-throated Sparrow (V), Ross's Goose (R), Inca Dove (R), Gilded Flicker (R).*

We did our first Nevada Big Day 30 years ago to the day, as visitors. Now we live here for the winter. What a difference 30 years make! Las Vegas Wash and Henderson Ponds are second-to-none as birder oriented sites!

NEW HAMPSHIRE #1 – 29 March 03- 0430 to 1545 – Species Totals 77/77; (Team/Shared): Ben Griffith 77, Michael Harvey 77. 150 miles by car, 1 mile by foot. *Visiting: NH Seacoast, Windham, Great Bay. Species of note: Double-crested Cormorant (E), Sanderling (M), Black-legged Kittiwake (R), Thick-billed Murre (R), Hairy Woodpecker (M).*

After our success with a December Big Day, Mike and I (Ben Griffith) looked for our next opportunity to break another of New Hampshire's high counts. January and February never provided us with a good opportunity, so March it was. A few weeks in advance, we decided March 30 would be our best chance. Hopefully a few early migrants would have put down by then. As the day approached weather forecasts for the weekend showed rain

both days. Mike eventually coaxed me into trying to make a record attempt Saturday, even though he had to be at work by 5 that night. Accepting that we'd miss a few key night birds, Mike picked me up at my house and we began our attempt.

We picked up Barred Owl as our only night bird of the day, and we headed straight for the coast, getting fuel and snacks on the way. Seabrook and Hampton provided a good start to the day, with us easily picking up a few tougher species, like Piping Plover and Black Scoter. Moving up the coast, we were still missing Purple Sandpiper, Sanderling, and Great Cormorant and I was getting worried. We stopped to look at a few cormorants loafing on a rock at Rye Ledge, not only finding our Great, but also picking up an early Double-crested. We eventually picked up a Purple Sandpiper, only to find several dozen strewn along the rocks at Ragged Neck.

The next 20 minutes proved to be the most exciting seawatch I had ever done on the New Hampshire coast. A Black Guillemot flew through Mike's scope but disappeared before I could see it. A few minutes later, three Razorbills flew into his scope and landed. When I looked in to see them, I caught a glimpse of two more birds flying by. I got back on them and screamed to Mike, "MURRES!" The two Thick-billed Murres landed and dove before Mike saw them. Fortunately, a few seconds later, a second pair of murres flew through his scope. Just as we were leaving, two gulls flew over the water displaying the "ink dipped" wings of adult Black-legged Kittiwakes.

Having come off the coast with every bird, save Sanderling, that we could have hoped for, our hopes were shattered when we found Great Bay engulfed in fog. We eventually were able to pick out most of the common birds at Sandy Pt. The road to Adam's Point healed our nuthatch drought. As we watched several White-breasteds forage I picked out a spot of red. Red-breasted Nuthatches had been difficult all winter, and this bird was totally unexpected. We rushed through Durham, tying the record on a Fish Crow, breaking it on Brown-headed Cowbird.

No more than five minutes after Mike dropped me off, the Hairy Woodpecker we couldn't find all day drummed from its favored perch in my yard.

NEW HAMPSHIRE #2 – 25 May 03- 0400 to 2100 – Species Totals 144/144; (Team/Shared): Stephen Mirick 144, Jane Lawrence 144. 92 miles by car, 2 miles by foot. *Visiting: Foss Farm, Exeter SL, Pawtuckaway SP, New Hampshire coast. Species of note: Black Rail (V,S), Little Gull (R), Roseate Tern (R), Iceland Gull (L), Horned Grebe (L), Northern Gannet (L), American Wigeon (L), Bufflehead (L), Red-tailed Hawk (M), Semipalmated Sandpiper (M).*

Noteworthy on this Big Day were five species that I (Stephen Mirick) had never recorded on May Big Days before in New Hampshire and an impressive total of 22 species of warblers. The highlight, of course, was the staked out Black Rail, which sang continuously from the freshwater marsh in Greenland for an organized group of over 60 birders! The weather was not all that bad, however the seas were very rough making sea observations difficult, and the overcast and mist made this year one of the worst

ever for raptors with no Red-tailed Hawks, no American Kestrels, and no Broad-winged Hawks. Other big misses included Glossy Ibis, Semipalmated Sandpiper, Nashville Warbler, and White-throated Sparrow.

NEW JERSEY #1 – 12 May 03- 0330 to 2030 – Species Totals 122/118; (Team/Shared): Richard Ryan 121, Joe Zygala 120, H. Stein 120, G. Mahler 120. *Visiting: Alledale Celery Farm, Campgaw Res, Decoate SP, Palisades Interstate Park, Mahwah well fields, Ramapo Res. Species of note: Common Raven (R), Mourning Warbler (E), Barred Owl (R), Marsh Wren (M).*

This was the first time ever that Common Raven was found on this Big Day, which has been conducted almost every year for the past 45 plus years. The Big Day had over 300 Least Sandpipers. The observers commented on over 500,000 mosquitoes at Decoate Park. They could have gotten American Woodcock by staying another 30-45 minutes, except the mosquitoes drove them out.

NEW MEXICO #1 – 11 Feb 03- 0500 to 1800 – Species Totals 79/79; (Team/Shared): David Cleary 79. 140 Miles by car, 2 miles by foot. *Visiting: Sandia Crest, Rio Grande Nature Center, Bosque del Apache NWR. Species of note: none.*

I spent most of the morning waiting for the rosy-finches to turn up. It cost me dearly, as a route like this one should have a shot at 100 species.

NEW MEXICO #2 – 31 March 03- 0400 to 1800 – Species Totals 83/83; (Team/Shared): David Cleary 83. 218 Miles by car, 3 miles by foot. *Visiting: All locations within Colfax Co - Springer Lake, Philmont BSA Ranch, Eagle Nest, Cimarron Canyon SP, Stubblefield Dam, Maxwell NWR. Species of note: none.*

Another Colfax Co effort. Ninety species is certainly possible as I had five new ones at Maxwell NWR and Stubblefield Dam on 1 April.

NEW MEXICO #3 – 30 July 03- 0530 to 2030 – Species Totals 138/134; (Team/Shared): Marcy Scott 135, Jimmy Zabriskie 137. 310 Miles by car, 2.5 miles by foot. *Visiting: Black Range, Caballo Lake SP, Deming area, Holloman Lake, Katfish Kove (lower Mimbres R), Las Animas Creek, Las Cruces area, Percha Dam SP, and Spring Canyon SP. Species of note: Yellow-crowned Night-Heron (R,S), Surf Scoter (R,S), Northern Harrier (E).*

The published July record of 117 species seemed low so March and I (Jimmy Zabriskie) decided to give it an attempt on 30 July. We were also doing a Luna Co Big Year so for better or worse we decided that some of our Big Day attempt should at least be in that county. We left our home at 0400 and about 0500 ran into our first problem...a black cow. Luckily for the cow, it only seemed grazed, but our front right turn signal and fender of our 4-Runner were not so lucky. The damage was "only" cosmetic and we were able to proceed with our attempt, though a bit frazzled. We arrived at our first location, Spring Canyon SP, at 0515,

giving us enough time to use the facilities. The Big Day started at 0530 and shortly afterwards we heard our first bird of the day, a Canyon Towhee. A treat at Spring Canyon was seeing about 30 Oryx on the summit of a steep and rocky peak about 1500 feet above us. We left Spring Canyon about 20 minutes ahead of schedule, which would pay off for the rest of the day as we were able to keep shaving time at stops, giving us more of an opportunity to check alternate locations later in the day. At one of our next stops, a nectar feeder in a yard got us a female Calliope Hummingbird, which was also a bird for our county Big Year and would help us save time by not having to stop at home to get one. After our Big Day ended, we had a message at home that we missed a Tricolored Heron at this stop and will always wonder if we just plain missed it or if it arrived after we left (we did chase and find it the following day). Our next stop at the Deming sewage treatment plant got us what was probably the best bird of the day, a female Northern Harrier, and we were 45 minutes ahead of schedule! We next checked a spot known as Katfish Kove on the lower Mimbres R and, as usual, the place was birdy and we started ticking away species, including actually seeing a Sora (a bird not planned on) about 2 minutes after arriving. By about 1030, we were well over 90 species and felt certain we could easily beat the old record. The Black Range was not nearly as dry as we'd anticipated and we ticked off some good birds, but left the mtns with some holes that could not be filled elsewhere. Afternoon winds made birding Caballo Lake less than ideal, but we kept ticking away and it was here that we broke the old record. With extra time on our hands, we birded Percha Dam SP, gaining three more species, and by 1600 were at 123. Our next stop was a staked out Yellow-crowned Night-Heron nest that we had stumbled across a month before. It is rare in the state, let alone a first documented nesting attempt and in about 3 minutes we tick one off and then pick up two Burrowing Owls a few blocks away. Next we were off to Burn Lake (a marginal birding spot in Las Cruces) for some "retired" birds. We had Snow and two Ross's Geese, but missed the retired female Redhead (and where was that Double-crested Cormorant that had been regular?). At this point, we had about 45 minutes to kill and decided to check a spot for buntings, coming up empty handed, but did add a European Starling. Off to our final stop and still about 15 minutes ahead of schedule, we arrived at Holloman Lakes (a sewage pond for Holloman AFB) a little after 1900. It is a good thing we were 20 minutes early because the place was swarming with birds, including a male Surf Scoter that had been there since February. We added 10 more species for the day and added Lesser Nighthawk on the drive back home. We greatly limited the use of playing tapes, which could have also netted more species.

NEW MEXICO #4 – 1 Oct 03- 0445 to 1815 – Species Totals 105/104; (Team/Shared): Dave Cleary 105, Bill Wittman 104. 182 Miles by car, 2 miles by foot. *Visiting: Cimarron Canyon SP, Eagle Nest Lake, Springer Lake, Stubblefield Dam, Maxwell NWR. Species of note: none.*

Comments: This count took place in Colfax Co only. There are now only three months with less than 100 species totals fro New Mexico.

NEW YORK #1 – 23 March 03- 0420 to 1810 – Species Totals 94/93; (Team/Shared): Don Harris 94, Brendan Klick 93. 270 miles by car, 1.5 miles by foot. *Visiting: Iroquois Wildlife Refuge, Lake Ontario Plains, Niagara R. Species of note: Pied-billed Grebe (M), Mute Swan (M), Sandhill Crane (R), Hairy Woodpecker (M).*

Don Harris and I (Brendan Klick) decided to try to beat the New York State March Big Day record of 64 species and thought 100 species might be possible. Unfortunately circumstances prevented us from doing a Big Day on the last weekend in March making getting some migrants much easier. So we decided our Big Day was going to have to be Sunday, March 23. We didn't quite make the century mark with 94 species.

Our first stop near Orchard WMA produced Northern Saw-whet, Barred, and Great Horned Owls. Other stops had Eastern Screech-Owl and numerous Wilson's Snipes and American Woodcocks. One Short-eared Owl was seen on Owens-Bartel Road at dawn. Two Wood Ducks heard calling at dawn was good also. At the next stop, Cayuga Pool, we were impressed with numbers of geese but surprisingly found no Snow or Greater White-fronted Geese. However there were several Tundra Swans, Northern Pintails, Green-winged Teals, and Ring-necked Ducks. There was a large movement of blackbirds including Rusty Blackbird, Common Grackle, Brown-headed Cowbird, and Red-winged Blackbird numbering several thousands. Wolcottville Sinks had a good variety of waterfowl including Horned Grebe, Tundra Swan, Northern Pintail, American Black Duck, Northern Shoveler, Green-winged Teal, Gadwall, American Widgeon, Ring-necked Duck, Lesser Scaup, Bufflehead, Ruddy Duck, and American Coot.

We arrived at Lake Ontario at around 0900. We spotted two Common Loons, 11 Red-throated Loons, one Red-necked Grebe, and several Snow Geese but otherwise there was not much on the lake. Hawk migration was slow but we did have one Red-shouldered, Rough-legged, Cooper's, and Sharp-shinned Hawks, and Northern Harrier. At County Line Road we had approximately thirty Lapland Longspurs and twenty Snow Buntings among several hundred Horned Larks.

Not finding Mute Swans in either Olcott or Wilson was a big miss for us. We added a stop to Dickersonville Road to pick up Ring-necked Pheasant. Four Mile Creek SP produced a Hermit Thrush and a Carolina Wren.

On the Niagara R we added Northern Mockingbird at Joseph Davis SP and Little Gull at the Lewiston Docks.

At Goat Is there were not many gulls; we did pick out a Lesser Black-backed and Glaucous Gull however. Several Black-crowned Night-Herons were back on nesting territory, which was a surprise for us. We also added a Belted Kingfisher. As we were about to leave Goat Is we spotted a bird flying high overhead. It was a Sandhill Crane. It was flying north but then turned and flew over the river toward Canada.

At Buckhorn we added Golden-crowned Kinglet but not the hoped for Yellow-rumped Warbler. A drive around Grand Is at dusk gave us Cedar Waxwing but not a single

Redhead. Having run out of daylight we decided to end our day.

NEW YORK #2 – 27 April 03- 0400 to 1925 – Species Totals 126/124; (Team/Shared): Don Harris 125, Brendan Klick 125. 348 miles by car, 3.2 miles by foot. *Visiting: Lake Ontario Plains, Niagara R, Iroquois Wildlife Refuge. Species of note: Wild Turkey (M).*

On Sunday, 27 April 2003, Don Harris and I (Brendan Klick) did a Big Day with the hopes of beating the April New York State Record of 114. We ended up with 126, which was a little lower than what we hoped for but still record breaking none-the-less.

Our first bird of the day was a Northern Saw-whet Owl at Four Mile Creek SP. Night migrants were nonexistent except for an early Common Nighthawk. A dawn walk around Krull Park in Newfane produced among others Red-breasted Nuthatch, Pine Warbler, and Grasshopper Sparrow. There were lots of White-winged Scoters on Lake Ontario, but no Surf or Black. We saw a few Common Loons but unfortunately no Red-throated Loons. Wilson-Tuscarora SP had a Solitary Sandpiper and Black-throated Green Warbler. At Fort Niagara we had an unexpected Pileated Woodpecker. Goat Is was a disappointment for both gulls and warblers.

We made a quick stop at Beaver Is to pick up Black-crowned Night-Heron and Great Egret. Then we went downtown to get Peregrine Falcon. Tiff Nature Preserve was a good stop because we added Virginia Rail, Hairy Woodpecker, Blue-gray Gnatcatcher, Hermit Thrush, Palm Warbler, and Fox Sparrow. A quick stop at Hamburg Hawkwatch produced Broad-winged Hawk and Red-headed Woodpecker.

We continued on to Iroquois NWR. We added most of our common dabblers at Cayuga Pool. We did not see the Glossy Ibis seen just minutes before. We added very few shorebirds at Iroquois: Upland and Pectoral Sandpiper, both yellowlegs, and Wilson's Snipe.

We drove up to the Lake Plains where we spotted Red-necked and Horned Grebes, and American Pipit. Driving back to Iroquois we added Purple Martin at Cayuga Pool. Still no ibis. Common Moorhen, Sora, several Marsh Wrens, and American Bittern were singing. We called in Barred Owl and headed home.

I was disappointed to miss Green Heron, Chimney Swift, Yellow-bellied Sapsucker, Black-and-white Warbler, Northern Waterthrush, and Vesper Sparrow on the 27th of April. I think migration was behind schedule this year. But worst was missing Wild Turkey.

NEW YORK #3 – 18 May 03- 0210 to 2400 – Species Totals 202/200; (Team/Shared): Don Harris 201, Brendan Klick 201. 504 miles by car, 5 miles by foot, 2 miles by bike. *Visiting: Tillman WMA, Niagara R, Lake Ontario Plains, Wyoming Co, Iroquois Wildlife Refuge. Species of note: Glossy Ibis (V), Rough-legged Hawk (L), Iceland Gull (L), Lesser Black-backed Gull (L), White-eyed Vireo (R), Connecticut Warbler (V).*

Last year, Dave Tetlow, Kurt Fox, and Jessie Barrie set a new record for Big Day birding in New York as they identified 202 species in one 24-hour period, but due to a technicality in the ABA's Big Day record, one species had to be dropped. Therefore, the current state record stood at 201. Don Harris and I (Brendan Klick) have been doing Big Days in the B.O.S. study area for some years and wondered what the B.O.S. area alone could produce. Could it produce 200 species? Could it set the state record? Don and I figured the 180s should be easy, 190s possible, and over 200—well we figured that would be very difficult.

In order to plan our Big Day, Don and I started scouting early in May. Our first project was to scout for Upland Sandpipers, which are a very tough bird in western New York. We found three locations for this bird and hopefully one would pay off. Other scouting projects included Red-headed Woodpecker, Acadian Flycatcher, Carolina Wren, Hermit Thrush, Golden-winged Warbler, Prothonotary Warbler, Louisiana Waterthrush, Vesper Sparrow, and Orchard Oriole among others. We knew because of scouting we were going to have a big day certainly in the 180s but anything more would depend on migration.

For our Big Day, Don suggested a route that would spend dawn on the Niagara R, then go along the Lake Plain looking for migrants, down Route 98 to Batavia SL, into Wyoming Co for breeders, and then back to Iroquois NWR to close out the day. This was an interesting route because it did not include a dawn chorus stop. Most western New York Big Day teams have included a location of high breeding bird density to hit at dawn. I liked this route and Don convinced me that a dawn chorus spot was not essential; the important thing was that we hit as many areas as possible. We settled on 18 May as a tentative date. That date we hope would be early enough to catch peak warbler migration and late enough to have most breeder species back on territory. As it got closer to the 18th it looked like the weather was going to be great. The 18th was going to be the day.

We started off our day at 0210 getting Henslow's Sparrow in Lancaster. At Tillman we added Sora, Virginia Rail, Screech and Great Horned Owls. Figuring we had a lot of time we took a walk to the back of Tillman. Upland Sandpiper responded to our whistle. Grasshopper Sparrow sang as well. This was a huge pick up and probably saved us at least an hour later in the day. At our next stop, the Statler Building in downtown, the Peregrine Falcon was sitting at the edge of the nest box.

Not quite dawn, it was off to Beaver Is where we added Great Egret, Brown Creeper, and Carolina Wren among others. We took the long way around Grand Is to pick up staked out Cliff Swallow in North Tonawanda. We were at Goat Is by 0600. There we added several warblers including Cape May, Parula, Blackpoll, and Wilson's. Despite missing it on numerous scouting trips, we netted a Lesser Black-backed Gull. In the gorge we added Common Merganser and Common Tern, but missed Bonaparte's Gull. Not much at Scholkopf Geological Museum—just one White-throated Sparrow singing. Where was the Bufflehead that had been there just a few days earlier? A quick stop in Lewiston produced Northern Mockingbird.

On Lake Ontario from Dietz Road we had hundreds of White-winged Scoters, Long-tailed Duck, Red-breasted Merganser, a Common Loon, and a Greater Scaup—all of which can be tough on big days. We also added our only Palm Warbler, Canada Warbler, and Red-headed Woodpecker of the day. Two Pine Siskins flew overhead—a bird I did not expect due to the lack of winter finches in our area this winter. Krull Park in Olcott had Golden-crowned Kinglet, Red-breasted Nuthatch, Yellow-bellied Flycatcher, and Pine Warbler. At Barker we added Orchard Oriole. A late, unexpected Iceland Gull flew by. In Yates, we had an unexpected Rough-legged Hawk and a flock of over 150 American Pipits. At Yates-Carlton Townline road we picked up a Lincoln Sparrow and Philadelphia Vireo. A CONNECTICUT WARBLER was singing loudly. At Lakeside Beach we added Orange-crowned Warbler and our only Brown Thrasher of the day. We were happy to get done on the Lake Plains by 1200 missing only Gray-cheeked Thrush and Mourning Warbler as possible migrants. We were off to a great start.

At Batavia we added Horned Grebe, American Wigeon, Gadwall, Ring-necked Duck, Lesser Scaup, Ruddy Duck, and Dunlin. Onto Wyoming Co. We added a staked out Vesper Sparrow in Weathersfield. At Telegraph and Lyonsburg Road we added a staked out Prairie Warbler. While waiting for the warbler to sing we also heard some bonus birds: Broad-winged Hawk, Ruffed Grouse, Winter Wren, and a distant Common Raven. The Winter Wren in particular was a great pick up because we had failed to find one during scouting. We drove to Attica where we netted Yellow-bellied Sapsucker, Louisiana Waterthrush, and Acadian Flycatcher on Cascade Road. We made a quick trip to Gunlocks Pond on Sage Road where we managed to pick up Purple Finch and Mourning Warbler.

We headed to Iroquois having missed Hermit Thrush and Red-shouldered Hawk. Luckily, we heard a Hermit Thrush on Sour Springs Road where we had had one last year. Pileated and Hairy Woodpeckers were also vocalizing. We added a staked out Golden-winged Warbler and got Black-billed Cuckoo in the process. On Podunk Road we added Pectoral Sandpiper and Semipalmated Sandpiper. This made 11 species of shorebirds for the day; last year on our big day we had 18 species. Where was all the shorebird habitat this year? On Fletcher Chapel Road we spotted a Turkey, which is nemesis bird for us on big days.

At Cayuga Pool we added Bald Eagle, Northern Pintail, Redhead, American Coot, and Pied-billed Grebe. On Owens-Bartel Road we added Northern Waterthrush and Cerulean Warbler. Driving down the road listening for Yellow-billed Cuckoo and Green Heron, which had eluded us all day, we heard a WHITE-EYED VIREO. No cuckoo or Green Heron however. Next we biked down the feeder Canal Road to get the staked out Prothonotary for warbler species number 32(!) and nabbed Alder Flycatcher in the process. While putting the bikes in the van we spotted something flying high overhead with a long outstretched neck. GLOSSY IBIS! We were getting some great unexpected birds.

We headed to Knowlesville Road where picked up Yellow-billed Cuckoo. After spending about a half-hour looking we heard a Green Heron.

It was now 2000. We rushed over to Judge Road hoping to pick up Red-shouldered Hawk. One called—nice. Rushing back to Cayuga Don spotted Green-winged Teal and Black Duck in the twilight. On Meadville Road we heard both Least and American Bitterns. A Common Nighthawk called. We were at 198 and needed two more to get to 200. We drove down Sour Springs Road where we whistled in a Saw-whet Owl. Barred Owl called on Albion Road.

It was 2130. Only two and a half hours left to go for the state record. We needed two more species. We thought of the possibilities: chat, Long-eared Owl, Gray-cheeked Thrush, Whip-poor-will. We drove to a known breeding location of Long-eared Owl on the Lake Plain. One called back right away to my imitation of the call. Gray-cheeked Thrush gave its night call note. 202! We did it—a new state record. We tried several places for Whip-poor-will but for the first time on the day luck was not on our side and we ran out of time without finding a Whip.

We had no big misses but Red-throated Loon, Bufflehead, Merlin, Black-bellied and Semipalmated Plover, Greater Yellowlegs, Bonaparte's Gull, and Clay-colored Sparrow were all seen in areas we visited by other birders during the weekend. Too bad there wasn't more shorebird habitat this spring. With some more shorebirds we might have been able to hit 210.

NEW YORK #4 – 2 June 03- 0200 to 2210 – Species Totals 158/155; (Team/Shared): Don Harris 156, Brendan Klick 157. 462 miles by car, 5.2 miles by foot. *Visiting: Allegany Co, Iroquois Wildlife Refuge, Niagara R. Species of note: Northern Saw-whet Owl (R).*

On Monday, 2 June 2003, Don Harris and I did a Big Day finding 158 species, thus setting a new New York State June record. Actually, our Big Day was unplanned. Our original plan was to go out early and do some nocturnal birding in some of my breeding bird atlas, then bird an area I have never done much birding in, southern Allegany Co. We started out doing just that but then after looking at our list we figured we would try to beat the state record.

We started off at 0200 by adding Barred and Eastern Screech-Owls and American Woodcock in some of my breeding bird blocks. We heard several Swainson's Thrush nocturnal call notes and one that could have been a Gray-cheeked Thrush. We had two Northern Saw-whet Owls near Hanging Bog in Allegany Co. We spent the morning exploring Allegany Co and were rewarded with Acadian Flycatcher, Winter Wren, Northern Parula, Nashville Warbler, Prairie Warbler, Pine Warbler, and Louisiana Waterthrush—all uncommon breeders. Migrant Blackpoll Warblers were also heard at numerous spots.

Somewhere along here we decided that we should go for the record. We tallied up our totals and found we were at almost 100 species.

We thought we would drive down Pingrey Hill Road and try for Clay-colored Sparrow. Due to the private property issue we wouldn't be able to walk into the tree plantation, and I knew from previous experience the Clay-colored Sparrows often were too far to be found from the road.

Luckily for us we heard a Clay-colored Sparrow and also added Grasshopper Sparrow.

Along Lake Road in Alfred we added Black-billed Cuckoo and Ruffed Grouse. At Palmers Pond SF we heard two Red Crossbills and a White-throated Sparrow. However, we missed Common Raven, which I find to be fairly common in Allegany Co.

We made a long drive to Iroquois NWR hoping to add much needed marsh and waterbirds. We added some of the commoner birds plus Red-headed Woodpecker, Golden-winged Warbler, Prothonotary Warbler, Northern Waterthrush, and Vesper Sparrow. A particular treat was seeing a Least Bittern fly across the feeder canal about ten feet from us.

With a little light left we drove to the Erie Basin Marina. There we added Common Tern and Herring and Great Black-backed Gulls. I had a Caspian Tern that disappeared behind a breakwall before Don could get on it. We stopped in downtown to pick up Peregrine. Then we raced to Beaver Is where we added Great Egret and Black-crowned Night-Heron.

Don spotted an American Black Duck, which I saw but not well enough to identify. Don heard a Carolina Wren that I missed. Now dark we drove to Lancaster where we counted five Henslow's Sparrows. A stop at Tillman produced a dirty Great Horned Owl because it called before Don had gotten out of the car.

We ended our day happily with 158 species. Not bad but easily beatable when one considers our lack of planning and the distance from Allegany Co (near the PA line!) back to Iroquois and Buffalo.

NORTH CAROLINA – 3 May 03- 0345 to 2115 – Species Totals 157/150; (Team/Shared): Rob Van Epps 155, Taylor Piephoff 154, Jeff Pippen 153, Brad Carlson 153. 385 miles by car, 7.0 miles by foot. *Visiting: Anilorac Farm, Jordan Lake, Greenville area, Palmetto Peartree Preserve, Alligator R NWR, Oregon In, Pea Is NWR. Species of note: Am. Golden-plover (R), Tundra Swan (L), Cliff Swallow (S), Horned Lark (S), Warbling Vireo (S), Green Heron (M), Black Vulture (M), Clapper Rail (M), Black Skimmer (M), Marsh Wren (M), Worm-eating Warbler (M).*

After attempting North Carolina Big Days using a southern route the past two Springs, Taylor Piephoff and I (Rob Van Epps) improved our results by adding the able birding skills of Jeff Pippen and Brad Carlson, and by switching to a northern route. On the down side, neither the weather nor the migrants cooperated as we had hoped, so there is still much room for improvement.

Our day started at 0345 in Durham, with the Eastern Screech-Owl nesting in Jeff's owl box. A quick drive through downtown Durham netted Common Nighthawk, and Duke Forest provided Whip-poor-will. We were surprised to miss Chuck and other owls, but expected them in the evening. We arrived at Anilorac Farm at daybreak. At Anilorac and near-by Mason Farm, we picked up many local breeders and migrants, including Grasshopper Sparrow, Bobolink, Kentucky Warbler, Louisiana Waterthrush and our staked-out Warbling Vireo.

Jordan Lake provided specialties including Wood Duck, Cliff Swallow, Yellow-throated Vireo, and several warblers, including Yellow, Yellow-throated, and a surprise Bay-breasted. At 0855 we began the drive East with 80 species tallied, but fewer migrants than hoped for.

We birded several hotspots around Greenville on our way to the coast. Brad's scouting of his home locale provided key species including Bald Eagle, Wild Turkey, Horned Lark, and at the Pactolus VOA site, Henslow's Sparrow. We continued East at 1220 with 91 species.

The weather deteriorated considerably as we continued to the coast. A fly-by Merlin and an American Bittern in a ditch were great finds along the way. Just before the coast, some flooded fields along Route 64 gave us the expected Cattle Egret and American Black Duck. Both yellowlegs, Long-billed Dowitcher, and other more common shorebirds were also present. The next stop was Palmetto Peartree for woodpeckers, and we were rewarded with Red-cockaded, Red-headed, and Hairy. Swainson's and Prairie Warbler were also good finds. We decided to quickly bird Alligator R NWR. Black-throated Green Warbler was finally heard, but with the increased wind and overcast skies, not much was singing. We failed to get Worm-eating Warbler, usually a sure thing here. Frustrated at the mounting misses, we hit the Outer Banks with 121 species.

At 1630 we arrived at our first coastal stop, Bodie Is. Here we tallied numerous expected species and had the highlight of the day. Along with White Ibis, Virginia Rail, and Black-necked Stilt... a Black Rail walked over the boardwalk and on top of the matted grasses in plain view! We all admired the red eye, chestnut collar, and beautiful white spots at point-blank range!

At Oregon In we focused on shorebirds, gulls and terns, adding six species. Most notable was our target species, Piping Plover. Next came the jewel of the Outer Banks, Pea Is NWR. We spent most of the remaining daylight hours here, adding 13 species. Scanning from the dikes around North Pond provided Semipalmated, White-rumped, Solitary, and Stilt Sandpipers, Short-billed Dowitcher, Northern Pintail, and American Wigeon. The South Pond area gave us our two most unexpected finds of the day, a lingering Tundra Swan and an American Golden-Plover.

We closed out the day with Black-crowned Night-Heron and Red-throated Loon back at Oregon Inlet, calling it quits at 2115. The wind had been high for hours and caused us to miss some easy species such as Marsh Wren, Clapper Rail, Great Horned Owl, and Chuck-will's-widow. A 165+ day is definitely in our future!

NORTH DAKOTA – 08 June 03- 0600 to 2300 – Species Totals 126/123; (Team/Shared): Corey Ellingson 125, Clark Talkington 124. 168 Miles by car, 4 miles by foot. *Visiting: Cross Ranch SP, Smith's Grove WMA, Horsehead Lake, DeWald Slough, and Dawson WMA. Species of note: Least Bittern (V), Greater White-fronted Goose (L), Virginia Rail (M), Bank Swallow (M), Swainson's Thrush (L), Magnolia Warbler (L), Tennessee Warbler (L), and Long-eared Owl (R).*

This was not intended to be a Big Day, but it easily surpassed the 106 for North Dakota in June. This gives someone else something to shoot for in the future.

OREGON #1 – 13 May 97- 0100 to 2300 – Species Totals 206/200; (Team/Shared): Tim Janzen 204, Craig Miller 202, Dan van den Broek 203. 522 miles by car, 2 miles by foot. *Visiting: Summer Lake, Fort Rock, Cabin Lake, Hatfield Lakes, Squawback Road, Black Butte Ranch, Yaquina Bay, Siletz Bay. Species of note: Tundra Swan (L), Eared Grebe (M), Semipalmated Plover (M), Least Sandpiper (M).*

On 13 May 1997 Craig Miller, Dan van den Broek, and I (Tim Janzen) did a Big Day in Oregon and found 206 species on a route that started in Summer Lake and ended at Siletz Bay. Craig Miller scouted the Summer Lake portion of the route and helped give us a great start in the morning. We did not find any particularly rare birds, but did manage to find most of the common species. Among the most interesting species found from my perspective were Blue-gray Gnatcatchers, Black-throated Sparrows, Flammulated Owl, Northern Saw-whet Owl, and lingering Tundra Swans in the Summer Lake area. Early in the morning we had a Band-tailed Pigeon fly overhead in the Picture Rock Pass area about four miles northwest of the town of Summer Lake, which is one of very few records for Lake Co. We reached Newport around 1830 and found few shorebirds at Yaquina Bay and none at Siletz Bay. We did manage to find one American Avocet behind the Marine Science Center in Newport. The only other shorebirds there were two Marbled Godwits, one Western Sandpiper, five Dunlin, and about 20 Whimbrels.

Species we missed included Eared Grebe, White-faced Ibis, Mountain Quail, Semipalmated Plover, Wandering Tattler, Ruddy Turnstone, Sanderling, Least Sandpiper, Short-billed Dowitcher, Franklin's Gull, Marbled Murrelet, Tufted Puffin, Varied Thrush, Cedar Waxwing, Nashville Warbler, Yellow-breasted Chat, Lark Sparrow, Lincoln's Sparrow, and Golden-crowned Sparrow.

OREGON#2 - 13 May 03- 0005 to 2330 – Species Totals 206/198; (Team/Shared): Tim Janzen 202, Hendrik Herlyn 202, Mark Miller 203, Rich Hoyer 202. 542 miles by car, 2 miles by foot. *Visiting: Siletz Bay, Yaquina Bay, Black Butte Ranch, Indian Ford,*

Squawback Road, Hatfield Lakes, Cabin Lake, Fort Rock, Summer Lake. Species of note: Golden Eagle (M), Dusky Flycatcher (M), Western Kingbird (M).

On 13 May 2003 Hendrik Herlyn, Rich Hoyer, Mark Miller, and I (Tim Janzen) did a Big Day covering the areas between Siletz Bay and Summer Lake during which we found a total of 206 species. Among the best birds we found were at least one or possibly two Black-crowned Night-Herons that we heard calling at Baskett Slough NWR near Monmouth in Polk Co at about 3:30 AM. An American Avocet and two Blue-winged Teal were at Hatfield Lakes near Bend in Deschutes Co. At Ana Res near Summer Lake in Lake Co we found a Red-necked Grebe.

Probably the most thrilling part of the trip for me was the opportunity to see a cooperative Flammulated Owl, which we were able to spotlight with a Q-Beam in the Fremont NF just south of Silver Lake in Lake Co at about 2300. After hearing this species many times previously, this was the first time that I was actually able to see one in Oregon. Otherwise the birds found on the Big Day were generally those that can be expected on this route. We lost a little bit of time near Cabin Lake due to a flat tire, but I am not sure that this caused us to miss that many species.

Among our most significant misses on the Big Day were the following species: Barred Owl, Northern Pygmy-Owl, Golden Eagle, Brown Pelican, Short-billed Dowitcher, Hermit Thrush, Dusky Flycatcher, Green-tailed Towhee, Great Egret, White-faced Ibis, Black Tern, Snowy Plover, Ash-throated Kingbird, Western Kingbird, Ring-necked Pheasant, Lincoln's Sparrow, and Lazuli Bunting. Many of these species can be difficult to find on this route on short notice, however, and overall we were pleased with the results of our effort. The weather conditions throughout the day were generally superb with essentially very little wind anywhere and generally clear skies.

PENNSYLVANIA #1 – 31 August 03- 0235 to 1925 – Species Totals 93/91; (Team/Shared): Michael Tanis (91), Ted Drozdowski (92). 227 miles by car, 3 by foot. *Visiting: Owl Creek Res, Leaser Lake, Landingville Dam, Stony Creek (SGL 110), Middle Creek WMA, Conejohela Flats of the Susquehanna R. Species of note: Common Loon (S), Olive-sided Flycatcher (R), Philadelphia Vireo (R), Black Vulture (M), Brown-headed Cowbird (M).*

It is just before dawn at Owl Creek near Tamaqua. Some low clouds reflect the rising sun like brilliant coals. Ted and I are discussing whether we have heard a Brown Creeper or a kinglet or simply imagined the high-pitched call. We can't come to agreement, and the bird, if it is there, never calls again. Our current list stands at four species, two of which are American Crow and Wood Thrush we had on arrival here at our dawn site. Soon we hear Black-capped Chickadee, Chipping Sparrow, goldfinches, Blue Jays, Ovenbird, Northern Flicker, and Yellow-billed Cuckoo in the distance. We hope that this is a sign that things are going to get lively. The sun is beginning to rise spectacularly over the res; the clouds are enough to enhance the sun's light but not obscure it. It's a chilly morning for August, probably the coldest dawn since May or June, hopefully a favorable indication that a front moved through overnight. In any case it should mean what birds are around will remain active a bit longer.

We've been on the road since our departure from Ted's house at about 0230. We quickly lucked into a Great Horned Owl at our second night spot not far from his home. The next hour was discouraging. Several quality owl stops produced only silence. Embreeville Marsh also produced nothing—except another Great Horned Owl from the nearby hillside. We had two owls, but still only one species on our list. Finally, at our sixth stop we were rewarded with a screech-owl. After that we began the 2-hour drive north to Owl Creek.

We are now standing on the dam at Owl Creek trying to identify some of those fall warblers. It is obvious we have

Yellow-rumped Warblers (a few), Black-throated Green Warblers (a couple), and Black-throated Blue Warblers (at least two). There is another odd warbler here that we don't immediately identify, but we have plenty of good looks to get field marks. Later with our field guides in the car we identify it as a Cape May Warbler. Other than a Black-and-white Warbler and Northern Parula we don't add anything else, in spite of all the activity from this small flock in front of us. As we return to the car park, however, the roadside becomes very active, and we pick up Blue-headed Vireo, House Wren, House Sparrow, Gray Catbird, Northern Cardinal, an immature Indigo Bunting, robin, Downy Woodpecker, and Pileated Woodpecker, the best find of all.

We drive over to Leaser Lake, picking up Field Sparrow and Turkey Vultures, but not Wild Turkey, which we end up missing on the day. Coming over the mtn we get only more Black-throated Greens and another Parula. On the other side we are fortunate to see a Cooper's Hawk cruising the edge of the woodland. By a farmhouse we find House Finches and Starlings. At Leaser Lake we pick up Canada Goose, Great Blue Heron, Green Heron, and our "staked out" Common Loon. Back in the grasslands of Utt road and surrounding area we pick up plenty of American Kestrels (11 in one field!) and a Grasshopper Sparrow. Maybe all the kestrels explain why we couldn't find a single Meadowlark?

Although Ted and I had intended to do a Big Day from the beginning, we admitted from the start that it would be more of a day for exploring. Owl Creek and Leaser Lake had only been visited once ever by me, and that was an August mid-morning visit. The next two stops of our day will be at places we have never seen and about which we have only sketchy information.

So not surprisingly, we drive somewhat aimlessly around the Landingville Dam area. We pick up Red-bellied Woodpecker, Blue-gray Gnatcatcher, and a beautiful mature Bald Eagle. Otherwise, we aren't too successful in locating new species. Our next destination is nearby Stony Creek. Even though we don't know too well where to look for birds, we find several flycatchers in the brushy second growth at the end of the paved road: Eastern Kingbird, an Empid species (probably Acadian, but possibly also Willow Flycatcher), Great Crested Flycatcher, and although I have limited looks at it, Ted identifies an Olive-sided Flycatcher. In the forest we find another Yellow-billed Cuckoo, another Downy Woodpecker, more Chipping Sparrows, plenty of Red-eyed Vireos, and more Ovenbirds. Finally reaching Stony Creek itself, we find a lovely flock of migrants: Scarlet Tanager, Black-throated Green, Black-and-white, Parula, Blackpoll, Nashville, Canada, Chestnut-sided, and Blackburnian Warblers. The highlight is a Philadelphia Vireo in this group.

From there we plan to visit a couple of sites with which we are a little more familiar. Middle Creek WMA is well known to both of us and we hope to get a couple of birds there we haven't found yet. We finally get an Osprey, another Bald Eagle, Kingfisher, Eastern Bluebird, Wood Duck, a flock of Eastern Kingbirds, and a Ruby-throated Hummingbird at the visitor center feeders. We still can't find a meadowlark or Savannah Sparrow. We also find an immature heron species, either Little Blue Heron or Snowy

Egret, that has some characteristics of both. We give up on a full identification from our viewpoint.

After a stop at the Lancaster airport that provided no meadowlark or Horned Larks, we move on to the Conejohela Flats of the Susquehanna R south of Lancaster. It is my first visit and only Ted's second, so we are still exploring a bit here, too. We put Ted's canoe on the river and paddle to the Flats. There we manage a few shorebirds: Killdeer, Least Sandpiper, Semipalmated Sandpiper, Pectoral Sandpiper, Baird's Sandpiper. Along the river we also have Caspian Tern and Forster's Tern, Mute Swan, Tree Swallows, Greater Black-backed, Herring, and Ring-billed Gulls. Besides Great Egret and Great Blue Heron, we have no further wading birds. However, we are pleasantly surprised with a close view of a Northern Harrier. Ted hears a Carolina Chickadee from one of the islands, but it stops calling when he tries to bring it to my attention.

As we begin our drive home, we keep our eyes on the skies from the road, hoping to get a couple of birds around dusk. We see a distant flock of Red-winged Blackbirds (whew!), but can't quickly identify any Cowbirds in the flock. A lone Chimney Swift over the Lancaster outlets is our final bird of the day.

PENNSYLVANIA #2 - 7 Dec 03- 0740 to 1705 – Species Totals 35/35; (Team/Shared): George Young 35, Susan Young 35. 126 Miles by car, 1 mile by foot (snowshoe). *Visiting: Bald Eagle SP, Nitany Valley, Sugar Valley.* *Species of note: none.*

Another Big Day that needs to be dedicated to Tommy.

RHODE ISLAND – 29 May 03- 0400 to 1900 – Species Totals 154/152; (Team/Shared): Strickland Wheelock **X**, Bob Lawson **X**, Barrett Lawson **X**. *Visiting: Great Swamp, Acadia WMA, Charleston Beach, Riverside, Jamestown.* *Species of note: Greater Scaup (L), Mourning Warbler (R), Hooded Warbler (R).*

We had an exciting day despite birding on the last week of the month. Most of the migrants and winter hold-overs had moved out, so the 21 species of warblers and 16 species of shorebirds filled in some holes. Wait until next year!

SOUTH CAROLINA #1 – 3 May 03- 0300 to 2000 – Species Totals 154/152; (Team/Shared): Robin Carter 152, Dennis Forsythe 154. 494 Miles by car, 2 miles by foot. *Visiting: Townville, Glassy Mtn, Lake Bowen, Orangeburg sod farms, Moore's Landing, Huntington Beach SP.* *Species of note: Fulvous Whistling-Duck (R), Gray Kingbird (R), Savannah Sparrow (M).*

Dennis Forsythe and I (Robin Carter) have been doing South Carolina spring Big Days together since 1986. Our 2003 effort was not very good by comparison to many previous Big Days. We were behind a record-breaking pace all day long. This can be seen by the fact that we had only 20 species of warblers and 16 species of shorebirds. Experience has shown us that a really good spring Big Day

in South Carolina yields at least 24 species of warblers and 20 species of shorebirds.

As usual, we tried a different route again this year. We started at 0300 near Anderson. Our first stop was in the farmlands near Townville, about 300 yards from a known Barn Owls place. We did not want to stop any closer since we might wake the dog and bother the landowner. The night was cold and still -- great for listening for nocturnal migrants. We easily heard Veery, Swainson's Thrush, Gray-cheeked Thrush, and Wood Thrush. After about five minutes, we heard a Barn Owl cry from the direction of its' barn.

From the Barn Owl spot, we drove a few miles over to the marshes along Little Beaverdam Creek. Water levels were very high and we did not get any rails. This was our best spot for Virginia Rail and Sora, but we dipped on both of those species. We had to settle for Great Horned Owl, Grasshopper Sparrow, and Yellow-breasted Chat.

From Townville, we got on Interstate 85 and drove northeast to Greenville. A short stop in downtown Greenville gave us our only Common Nighthawks of the day. From Greenville, we drove east and then north to our dawn spot on the side of Glassy Mtn. Stops along the way yielded Chuck-will's-widow, Whip-poor-will, and Eastern Screech-Owl.

Our dawn spot was at the end of an unpaved public road that peters out at about 2200 feet elevation on the side of Glassy Mtn. My scouting of this spot had convinced me that it would be a great spot for migrants and foothills breeding birds. The weather did not cooperate. A cold wind came up and we did not find much. We did find a few goodies, such as Black-throated Green Warbler, Blackburnian Warbler, and Worm-eating Warbler.

From Glassy Mtn, we drove past Pointsett Bridge (which is now a heritage preserve but was still private property last May) and along the North Saluda R, picking up a few good Piedmont resident or migrant species such as Wild Turkey, Cape May Warbler, Ovenbird, and Rose-breasted Grosbeak.

Our House Wren spot was in the residential neighborhoods of Campobello and this area came through, even without a stakeout. From Campobello, we drove over to Lake Bowen for stakeout Cliff Swallows. Then we got on Interstate 26 and started down the hill, towards the coast. We did not make another stop in the Piedmont, near the small mill town of Joanna. Here we added a few species, notably Blue-headed Vireo, Kentucky Warbler, and Louisiana Waterthrush. But as we left the Piedmont, we had found only 19 species of warbler. We added Prothonotary Warbler in the Coastal Plain part of the trip, but dipped on adding Northern Waterthrush or Yellow Warbler, migrant species that you can actually find along the coast.

From Joana, we stopped at the Orangeburg sod farms for a few shorebirds, Horned Lark, and Common Ground-Dove, all of which we found. But it was not enough.

We finished along the coast at Moore's Landing, Santee Coastal Reserve, Georgetown sewage ponds, Pawley's Is, and Huntington SP. By the time we got to Georgetown, we were so far behind a record breaking pace that we just relaxed and had a good birding trip. We picked up two

nice stakeouts -- Gray Kingbird at Pawley's Is and Fulvous Whistling-Ducks at Huntington SP. This was the first time we had gotten either of these species on a spring Big Day. With a bit more effort, we might have made 160 species, but this is way short of the record.

SOUTH CAROLINA #2 – 1 Nov 03- 0500 to 1800 – Species Totals 98/97; (Team/Shared): Robin Carter 97, Caroline Eastman 98. 205 Miles by car, 4 miles by foot. *Visiting: Congaree NP, Santee SP, Santee NWR, Magnolia Gardens, Caw Caw Park, Edisto Beach. Species of note: American Bittern (R), Canada Goose (M), Mallard (M), Dunlin (M), Short-billed Dowitcher (M), Herring Gull (M), Royal Tern (M), Forster's Tern (M), Blue-headed Vireo (M), American Goldfinch (M).*

I (Robin Carter) ran three Big Days in November 2003 in an attempt to break the record of 128 species (set by Caroline Eastman and me [Robin Carter] in 1995). None of these efforts broke the record, but they were fun, and I learned a lot about running November Big Days in South Carolina.

For the 1 November effort, Caroline Eastman and I started near home — Congaree

NP. An hour's walk at dawn along the Kingsnake Trail netted us lots of good birds. The species that we did not find elsewhere later in the day were Great Horned Owl, Barred Owl, Blue Jay (!), and White-throated Sparrow. This is not a great list of exclusives, since many of the good birds at Congaree NP we found later at Santee NWR. It is probably not worth starting so far inland when the same birds are an hour's drive closer to the coast.

From Congaree NP we headed for Santee SP, stopping to pick up a few farmland species along the way (such as Horned Lark, Eastern Meadowlark, and Palm Warbler). By the time we got to Santee, the weather conditions were not great. The wind was picking up, and it was hard to find small birds. Nevertheless we did find a couple of goodies — Red-cockaded Woodpecker (very undependable at this spot) and Red-headed Woodpecker.

From Santee SP we crossed over Lake Marion and stopped by the Bluff Unit of Santee NWR. We found no ducks or geese, but we did find many good passerines, including Blue-gray Gnatcatcher. Many of the passerines were species that we had found earlier at Congaree NP. Birds that we found at Congaree NP and Santee NWR (but not elsewhere) included Red-shouldered Hawk, Eastern Screech-Owl, Downy Woodpecker, Winter Wren, Golden-crowned Kinglet, Ruby-crowned Kinglet, and Black-and-white Warbler.

From Santee NWR we drove towards the coast, next stopping at Magnolia Gardens for herons, ducks, and marsh birds. We picked up a few ducks, a very cold Anhinga, some herons, Sora, Common Moorhen, and Marsh Wren, among other species.

Next we visited Caw Caw Park, where we were thrilled to observe an American Bittern hiding in the marsh just a few yards from the boardwalk. To finish the day we went to Edisto Beach, where we found Eurasian Collared-Doves and a few saltwater species.

We finished the day with just 98 species. This was more of a scouting run than a serious Big Day. We would have to find a lot more of everything to break the record.

SOUTH CAROLINA #3 – 15 Nov 03- 0500 to 1830 – Species Totals 123/121; (Team/Shared): Robin Carter 122, Dennis Forsythe 122. 346 Miles by car, 3 miles by foot. *Visiting: Lake Warren, Groton Plantation, Savannah NWR, Bear Is WMA, Moore's Landing, Georgetown SL, Huntington Beach SP. Species of note: Canada Goose (M), Mallard (M), Downy Woodpecker (M), Red-breasted Nuthatch (R), Cedar Waxwing (M), Eastern Meadowlark (M), House Finch (M)*

This Big Day route was based on the idea of visiting as many of South Carolina's coastal hotspots as possible in an attempt to break the November record of 128 species. We began at 0500 at the marsh at the upper end of Lake Warren, near Hampton. This is one of the best freshwater marshes in the state that has a public road going along its edge. The pre-dawn was cool and quiet — excellent listening conditions. We quickly got at least four Virginia Rails to respond to a bit of hand clapping and also heard a Barred Owl. From Lake Warren we drove a bit inland towards the great quail hunting plantation area of southeastern Allendale Co. We stopped along the way at several large agricultural fields hoping to hear the tinkle of a Horned Lark, but we found none.

Our dawn spot was along the public roads through Groton Plantations. Conditions were great and so was the birding. Among other species we got an American Woodcock, Great Horned Owl, six species of woodpecker, including Red-cockaded, Winter Wren, Yellow-throated Warbler, and an actual chorus of Northern Bobwhite. The best birding was along Ivanhoe Road, an unpaved public road through part of the plantation. Here we

had all three nuthatches, including the rare Red-breasted, at one spot.

From the plantation country we drove towards the coast a few miles to Savannah NWR. Here we found most of the expected marsh species, including a few species of duck (Blue-winged Teal, Green-winged Teal and Ring-necked Duck). Three species of duck at Savannah NWR was a bit of a letdown, but, as it turned out, this was our best waterfowl stop of the day.

Working out way north along the coast we next visited Bear Is WMA. Since the area was closed for duck hunting we were only able to bird along Bennetts Pt Road, a paved secondary road that is open at all times. We added only three species that we did not find elsewhere, two species of waterfowl (Tundra Swan, Mottled Duck), and Common Grackle. This was the poorest productivity of any spot we visited (compared to its potential).

From Bear Is we drove around Charleston, picking up American White Pelican as we drove at 55 mph on I-526. The marshes and mud flats of the Copahee Sound access point and Moore's Landing were next. Here we found our only individuals of several species — Clapper Rail, American Oystercatcher, Willet, Marbled Godwit, and

Short-billed Dowitcher.

As we drove north on US 17 into Georgetown Co our total was only 101 species, far short of the 129 we needed for a new record, but it was still possible to pull it out, since we had plenty of time and we had two good areas yet to work — the Georgetown sewage treatment plant and Huntington Beach SP. As it turned out we were able to find 22 more species, not quite enough. Goodies included Rusty Blackbirds at the sewage treatment plant and most of the expected specialties of Huntington Beach SP.

The route we ran was fairly good, but we fell down in that we missed many common land birds (such as Eastern Meadowlark) and we were able to find only eleven species of waterfowl. Here is a list of the species that we missed even though we had a good chance to find them: Horned Grebe, Glossy Ibis, Wood Stork, Canada Goose, Gadwall, American Wigeon, American Black Duck, Mallard, Northern Shoveler, Northern Pintail, Red-breasted Merganser, Wild Turkey, Sharp-shinned Hawk, Cooper's Hawk, Sora, Spotted Sandpiper, Least Sandpiper, Caspian Tern, Black Skimmer, Eurasian Collared-Dove, Eastern Screech-Owl, Downy Woodpecker, Hairy Woodpecker, White-eyed Vireo, Brown Creeper, Sedge Wren, Blue-gray Gnatcatcher, Cedar Waxwing, Orange-crowned Warbler, Field Sparrow, Seaside Sparrow, Eastern Meadowlark, and House Finch. All we needed was six of these 33 species.

SOUTH CAROLINA #4 – 29 Nov 03- 0500 to 1820 – Species Totals 110/107; (Team/Shared): Robin Carter 108, Caroline Eastman 109. 306 Miles by car, 2 miles by foot. *Visiting: Lake Warren, Groton Plantation, Rivers Bridge State Historic Site, Pitt Street, Isle of Palms, Santee NWR. Species of note: Greater White-fronted Goose (R), Red-shouldered Hawk (M), Golden Eagle (R), American Coot (M), Sandhill Crane (R), Semipalmated Plover (M), Least Sandpiper (M), Eastern Screech-Owl (M), Blue-headed Vireo (M), Red-breasted Nuthatch (R), Brown Thrasher (M).*

Caroline Eastman and I (Robin Carter) decided to try one last time for a new November South Carolina Big Day record. We began at 0555 at the marsh at Lake Warren, near Hampton, where Dennis Forsythe and I had easily found Virginia Rail two weeks earlier. Our weather on 29 November, however, was much colder and windier. After several minutes of hand clapping, we finally got an answer from a cold Virginia Rail. From Lake Warren, we drove a few miles west to a roadside marsh near the town of Fairfax, Allendale Co. Here we easily got several Soras to call, but had no luck with King Rail, which breeds at this marsh and should be present all year. Caroline heard a distant Barred Owl, which I missed.

Our dawn spot was Groton Plantation, where Dennis Forsythe and I had found such a wealth of birds two weeks earlier. This morning was much colder, and few birds were singing. Nevertheless, we picked up most of the species we expected, including the same Red-breasted Nuthatches that Dennis and I had found on 15 November. Caroline picked out another goodie at the nuthatch spot, an Orange-crowned Warbler. This species is a winter resident throughout the Coastal Plain of South Carolina, but I have not had much success in finding one on winter Big Days.

From Groton Plantation, we checked out the huge pastures, cattle feedlots, and agricultural fields near the town of

Allendale. Our best bird here was a Merlin, stooping on Killdeer. We also picked up a Horned Lark, a species that had eluded Dennis and I, as well as Eastern Meadowlarks and Brown-headed Cowbirds. The Cattle Egret that I had seen the week before was not in evidence.

From Allendale, we visited the great floodplain forest habitat at Rivers Bridge State Historic Site. We had high hopes for Winter Wren, Blue-headed Vireo, Hairy Woodpecker, and other goodies, none of which we found. We had to settle for our only Dark-eyed Juncos of the day and a Sharp-shinned Hawk. The Sharpie went along with the sunny, cold, windy weather that made finding good passerine species a bit tough.

From Rivers Bridge, we drove over to Interstate 95, and then took Interstate 26 to the Charleston area. Here we birded Pitt Street, Sullivan's Is, and the Isle of Palms. We did fairly well with the expected species at these places. Our worst misses were Semipalmated Plover and Least Sandpiper. At Isle of Palms Co Park, we got perhaps our best species of the day, an adult Golden Eagle. So we had Golden Eagle, but no Bald Eagle -- very unusual for South Carolina.

From the Charleston area, we got back on the Interstate and drove inland to Santee NWR to end the day. As we left the coast, our list was a disappointing 100 species -- much too low to break the record. We had a good evening at Santee and added ten species, including Greater White-fronted Goose and Sandhill Crane, but this was well short of the record.

We would have done a lot better on a warmer day with no wind, but the route was flawed. We needed a better selection of marsh birds. A similar route that included a quick run to Bear Is WMA might have added several species.

SOUTH DAKOTA – 14 May 03- 0200 to 2300 – Species Totals 175/173; (Team/Shared): Jeffrey Palmer 175, Robb Schenck 173. 530 Miles by car, 4 miles by foot. *Visiting: Newton Hills SP, Elmwood Park, Lake Herman SP, Lake Thompson, Willow Lake, Pierre. Species of note: Cattle Egret (M), Hooded Merganser (L), American Golden-Plover (M), Wilson's Snipe (L), Philadelphia Vireo (E), Lazuli Bunting (R).*

VERMONT #1 – 26 May 03- 0000 to 2100 – Species Totals 157/155; (Team/Shared): Dan Strong 157, Megan Hughes 156, Allan Strong 156, Peter Jones 155. 495 miles by car, 1 mile by foot. *Visiting: Brandon, Little Otter Creek, Dead Creek WMA, Shelburne Farms, Red Rocks, Champlain Is, Missisquoi NWR, Moose Bog. Species of note: Merlin (R), Spruce Grouse (R), Solitary Sandpiper (L), Fish Crow (R), Winter Wren (M), Orchard Oriole (R,S).*

We had a great start to the day, and headed to the Northeast Kingdom with high spirits, but a steady drizzle throughout the afternoon kept birds quiet. Although we picked up most of the expected species, including a cooperative, yet damp Spruce Grouse, we missed Black-backed Woodpecker, Yellow-bellied Flycatcher, Olive-sided Flycatcher, Winter Wren (ouch), and Palm

Warbler, all of which had been around on an earlier scouting trip. Nonetheless, we tied our previous high count and anxiously await 2004. A highlight was a Peregrine that chose to consume a Rock Pigeon about 25 yards from where we were desperately trying to spish in a Pine Warbler. How lucky can you get? Hot on its heels was a Fish Crow that landed next to the Peregrine and derided the raptors behavior (UH, UH) as the predator devoured its prey.

VERMONT #1 – 14 July 03- 0115 to 2315 – Species Totals 139/138; (Team/Shared): Tom Kemp 139, Matthew Kemp 138. 395 miles by car, 2 miles on foot. *Visiting: Northeast Kingdom, Franklin Co. airport, Missisquoi NWR, Mud Creek WMA, St. Albans, Red Rocks Park, Little Otter Creek WMA, Dead Creek WMA, Brandon. Species of note: Merlin (R,S), Barred Owl (M), Black-backed Woodpecker (R), Red-bellied Woodpecker (R), Brown Thrasher (M).*

Comments: A July record for Vermont?

VERMONT #2 – 7 Aug 03- 0500 to 2100 – Species Totals 151/147; (Team/Shared): Pat Ward 148, Ken Ward 150. 310 Miles by car, 3 miles by foot. *Visiting: Brandon, home, Showt Swamp/Long Swamp Roads, Arnold District Road, West Rutland Marsh, Pleasant Road, Dead Creek complex, Market Road West, Bridport, Champlain Is's, Button Bay Park, Depot Hill Road, Pittsford. Species of note: none.*

VERMONT #3 – 15 Sept 03- 0700 to 1930 – Species Totals 132/132; (Team/Shared): Pat Ward 132, Ken Ward 132. 305 Miles by car, 3 miles by foot. *Visiting: Bayport/Hawk Ridge Road, Arnold District Road, Short Swamp and Long Swamp Road, Pittsford/Depot Hill Road, Rutland/West Rutland Swamp, Pleasant Road, Route 73 West, Champlain Valley Drainage, Dead Creek complex. Species of note: none.*

VERMONT #4 – 18 Oct 03- 0630 to 1800 – Species Totals 107/107; (Team/Shared): Pat Ward 107, Ken Ward 107). 206 Miles by car, 2.5 miles by foot. *Visiting: Hawk View Road, Arnold District Road, Depot Hill Road, Pittsford, Pleasant Road, West Rutland Road, West Rutland Marsh, Route 30, Champlain Drainage, Market Road West, Bridport, Button Bay, Dead Creek complex. Species of note: none.*

VIRGINIA #1 – 18 Sept 99- 0500 to 2000 – Species Totals 140/138; (Team/Shared): Brian Taber 138, Bill Williams 139, Fenton Day 139. 390 Miles by car, 10 miles by foot. *Visiting: Chesapeake Bay Bridge-Tunnel, Eastern Shore of Virginia NWR, Kiptopeke SP, Chincoteague NWR. Species of note: none.*

Comment: This count raised \$10000 for Coastal Virginia Wildlife Observatory.

VIRGINIA #2 – 16 Sept 00- 0500 to 2000 – Species Totals 138/134; (Team/Shared): Brian Taber 135, Bill Williams

135, Fenton Day 135, Tom Armour 135. 390 Miles by foot, 10 miles by car. *Visiting: Chesapeake Bay Bridge-Tunnel, Eastern Shore of Virginia NWR, Kiptopeke SP, Chincoteague NWR. Species of note: none.*

Comment: This count raised \$10000 for Coastal Virginia Wildlife Observatory.

VIRGINIA #3 – 5 May 03- 0400 to 2230 – Species Totals 158/156; (Team/Shared): David Clark 158, Tom Gwynn 158, David Hughes 156, Charlie Smith 156. 305 miles by car, 0 miles by foot. *Visiting: Dismal Swamp NWR, Craney Is, Chesapeake Bay Bridge-Tunnel, Eastern Shore NWR, Chincoteague NWR. Species of note: Snow Goose (L), Brant (L), Eurasian Collared Dove.*

WASHINGTON, D.C. – 9 May 98- 0530 to 1900 – Species Totals 113/110; (Team/Shared): Byron Swift X, Ottavio Janni X, Mike Parr X. 60 Miles by car, 10 miles by foot. *Visiting: Haines Pt, Rock Creek Park, National Arboretum, Kenilworth Aquatic Gardens, Theodore Roosevelt Is, Georgetown Res, C & O Canal. Species of note: none.*

WEST VIRGINIA – 21 Feb 03- 1040 to 1915 – Species Totals 40/38; (Team/Shared): Carol Burroughs 39, Ed Burroughs 39. 94 Miles by car, 1 mile by foot. *Visiting: Pipestem SP, New River Gorge. Species of note: None.*

WISCONSIN #1 – 31 Mar 01- 0200 to 1800 – Species Totals 112/112; (Team/Shared): Randy Hoffman 112. 390 Miles by car, 2 miles by foot. *Visiting: Buena Vista, Wood Co SWA, Pine Is, Goose Pond, Lake Monona, Humane Society feeders. Species of note: none:*

WISCONSIN #2 – 2 Sept 01- 0300 to 1900 – Species Totals 194/194; (Team/Shared): Randy Hoffman 194. 320 Miles by car, 3 miles by foot. *Visiting: Waunakee Marsh, Meadow Valley Cranberry Bogs, Buena Vista, Grand R Marsh, Horicon Marsh, Mud Lake SWA, Arlington Ponds. Species of note: none.*

WISCONSIN #3 – 24 Feb 02- 0506 to 1800 – Species Totals 94/94; (Team/Shared): Randy Hoffman 94. 117 Miles by car, 7 miles by foot. *Visiting: Waunakee Marsh, Mazomanie SWA, Spring Green Reserve, Bakken's Pond, Smith Slough, Sauk City, Arlington Ponds, Madison Lakes. Species of note: Common Loon (E), Blue-winged Teal (E), Long-tailed Duck (R), Red-shouldered Hawk (E), Golden Eagle (R), Bohemian Waxwing (R).*

A record mild winter and record warm temperatures predicted the day before the count prompted me to attempt a February Big Day. The route was not well thought out, but I tried to go were open water could be found. I expected early migrants such as blackbirds, ducks and maybe a Bluebird all of which I found. Unexpected though, were Common Loon, Blue-winged Teal, Long-tailed Duck, a territorial Red-shouldered Hawk, and adult Golden Eagle harassing waterfowl, and several Bohemian Waxwings. In

total, 94 species were seen on this day breaking the February big day record for Wisconsin by 37 species (previous 57).

WISCONSIN #4 – 29 April 02- 0118 to 2011 – Species Totals 172/172; (Team/Shared): Randy Hoffman 172. 340 Miles by car, 3 miles by foot. *Visiting: Mud Lake Wildlife Area, Comstock Bog, Buena Vista Grasslands, Wood Co SWA, Necedah NWR, Devil's Lake SP, Baxter's Hollow, Horicon NWR. Species of note: Yellow Rail (R), Cattle Egret (R), Yellow-throated Warbler (R), Northern Goshawk (R), Common Nighthawk (E), White-winged Crossbill (R).*

I followed the very productive route Al Shea and I developed over the past six years. As expected, the time of the migration determined the numbers. Unexpected though, were some species found on breeding territory at this early data. Significant territorial birds were Yellow Rails, Cattle Egrets, and a Yellow-throated Warbler. Under the pleasant surprises category were a very aggressive Northern Goshawk, an early Common Nighthawk foraging with Bonaparte's Gulls over open water, and several male White-winged Crossbills in full song. In total 172 species were seen on this day breaking the April big day record for Wisconsin by 49 species (previous 123).

WISCONSIN #5 – 19 May 02- 0000 to 2020 – Species Totals 230/230; (Team/Shared): Randy Hoffman 230, Al Shea 230. 430 Miles by car, 2 miles on foot. *Visiting: Mud Lake SWA, Grand R Marsh, Comstock Bog, Buena Vista Grasslands, Sandhill/Wood Co SWA, Necedah NWR, Devil's Lake SP, Baxter's Hollow, Arlington Ponds, Horicon NWR. Species of note: Yellow-crowned Night-Heron (R), Yellow Rail (R), Ruff (V), Yellow-throated Warbler (R), Summer Tanager (R).*

The Ultimate Big Day: Wisconsin Challenges the Birding Mystique of the Coasts By Randy Hoffman and Al Shea

The authors embarked on a quest more than twenty-five years ago to experience a "perfect" birding Big Day. To achieve a goal of recording the maximum number of species possible, a fortuitous alignment of events must occur. A combination of delayed migration caused by prolonged cool weather, a massive migration on the day of the count, excellent shorebird habitat, and fantastic listening conditions (most of the species are identified by sound) came together on 19 May 2002. On that day, we recorded 230 species of birds on a 400-mile route through south central Wisconsin. As far as we know, this total ties the fifth highest ever recorded for North America. Only Texas and California birders have checked off more species in one calendar day using a car as the mode of transportation (more species were recorded by birders using planes, boats, and helicopters).

The weather was cool (43°F) when we started at 00:00 midnight. After our typical 00:01 response by an Eastern Screech Owl, we drove to Mud Lake Wildlife Area. This public land has a combination of cattail to deep marsh,

wooded uplands, and brushy thickets. The site is usually very good for rails. While scouting the night before, we had to play a tape to get any response out of the quiet wetlands. This evening, however, the birds were extremely vocal. King and Virginia Rails, Sora, Swamp Sparrow, Marsh Wren, and American Black Duck were all calling as we stepped out of the truck. Surprisingly, one Virginia Rail incessantly gave its “kicker” call the entire time we were at the marsh. A few Gray-cheeked Thrushes uttered their call notes as they migrated overhead. We picked out the soft *kwok* of a Yellow-crowned Night-Heron and also heard Barred Owl and American Bittern.

The next extended stop was another State Wildlife Area—Grand R Marsh. An area of upland grass and lowland marsh, Grand R annually harbors numerous grassland birds, especially the state-threatened Henslow’s Sparrow and a tremendous variety of marsh species, such as the uncommon, but predictable Least Bittern. A stop along County Highway B produced a dozen or so Henslow’s Sparrows filling the night air with their *tslick* song (if you want to call it a song). These secretive birds have a propensity for night vocalization. Another stop at the edge of the marsh produced Least Bittern along with many other marsh species. The manager of Grand R does a wonderful job of managing for grassland birds. Fencerows have been removed, native grasses are replacing the European bromes, and rotational burning provides a variety of grassland structure. From newly burned green patches that attract Bobolink to old thatch areas attractive to Henslow’s Sparrow, the burn management provides optimum habitat for the full range of grassland species.

We then proceeded to Comstock Bog, a State Natural Area preserved for its unusual plant community. The bog is actually a hybrid of calcareous marl flats, wiregrass sedge meadow, tamarack swamp, and cattail marsh. The preservation for plants normally found much farther north also, and unexpectedly, provided the habitat requirements for meadow birds normally found much farther north. Breeding bird surveys in the early 1990s documented Yellow Rails and LeConte’s Sparrow as nesting species at the site. Both of these birds reach their absolute southern range limit at Comstock Bog. Our arrival around 2:30 usually coincides with peak activity, which was the case this evening. Several Yellow Rails were giving their *tic,tic-tic,tic,tic* call. LeConte’s Sparrow sang their *whisper* trill from deep in the bog. Overhead migrants chipped as they flew north with a slight one to two mph south wind helping with their progress. Most unexpected was a Yellow-breasted Chat, another active night songster, singing from the west side of the bog. To the west of Comstock, we had Long-eared and Saw-whet Owls calling from pine dominated forests. The 45 minutes we annually spend at Comstock has never failed to produce excellent birds.

Our next stop was the Buena Vista Grasslands, another State Wildlife Area. The management of this area is focused on providing habitat for the Greater Prairie Chicken. However, the extensive grasslands also provide habitat for nearly every grassland bird in Wisconsin. We always time our arrival to coincide with the last flurry of the night birds and inception of the morning chorus of the day birds. Both of these happenings occur between 4:00 and 4:45, well before the 5:25 sunrise.

Upon our arrival we picked up several Short-eared Owls foraging the vast open areas along with numerous Wilson’s Snipe and American Woodcock. The faintest amount of light in the northeast sky inspires the grassland birds to greet the approaching new day. Both meadowlark species, several sparrow species (clay-colored, savannah, song, grasshopper), Brewer’s Blackbird, Upland Sandpiper, and Greater Prairie Chicken awoke to add their voices to the identification roll. A most unexpected event occurred just before we left the grasslands. Dozens, maybe up to 100 thrushes called as they descended on the grassland after a night of migrating. Calls of forest-dwelling Veery, Gray-cheeked, and Swainson’s Thrushes enveloped us as we stood on the open grassland. The light one to two mph winds had shifted to the north providing the right conditions for a massive fallout in central Wisconsin.

The next portion of our route took us, in the predawn hour through farms, fields, and urban areas to reach lakes and wetlands west of Nekoosa at sunrise. This slow drive always picks up the easiest and most common birds, such as American Robin, House Finch, Chipping Sparrow, American Crow, Cardinal, and Blue Jay.

As we reached the Cranmoor bogs, we realized the magnitude of the migration fallout. At a little non-descript woods, we heard a few warbler chips. Stopping to see the makers of those chips, a veritable hoard of warblers came to the edge of the woodlot. Cape May Warblers were at eye level several feet away. Bay-breasted and Blackpoll Warblers were numerous. A Connecticut Warbler sang from the opposite side of the road. Canada Warbler, Ovenbird, Blue-headed Vireo, Eastern Towhee, and others emerged from the center of the woods. After fifteen minutes, we recorded seventeen species of warblers plus other common migrants.

Continuing on to the agricultural cranberry bogs, we encountered the typical noise of the area. The dawn temperatures bottomed out at 31°F, and every diesel pump for miles was roaring to keep water pumped on the cranberry plants. Hearing is always difficult, but most of the target birds are easily seen. We picked up Herring and ring-billed Gulls, Ring-necked Duck, hooded Merganser, and Trumpeter Swan. On the west side of the agricultural area we picked up the increasingly rare Purple Martin.

Next we proceeded to a silver maple, red oak floodplain forest along Hemlock Creek. This spot provides very good habitat for the species preferring this natural community. Normally, we encountered rather continuous traffic noise at this site. This year the bridge was under construction and the road was closed. We drove to the construction site and had our best birding conditions ever. We easily picked up target birds such as Prothonotary Warbler, Yellow-bellied Sapsucker, Brown Creeper, and Red-shouldered Hawk. The bottoms had additional migrants and we added a few more warbler, vireo, and flycatcher species to our list.

Our next birding target took us through the Sandhill and Wood Co Wildlife Areas. The combination of shallow marshes, sedge meadows, open grasslands, and clones of aspen dominates the eastern portion of the site. The western edge becomes very boggy with abundant tamarack and black spruce forest giving the area an aura of northern Canada. Red-necked Grebes were again at the same nesting

marsh as they have been for more than ten years. Open area birds, Northern Harrier, Sharp-tailed Grouse, and Bobolink were easily found. One of the few disappointments of the day occurred when we spent a full five minutes peering at a Bald Eagle nest where the birds were very active one week before. They had either moved on or were hunkered down in the freezing morning air. Regardless the reason, we missed them for the day.

At the west end of the site is an area we call "boreal corner". This boreal woodland resembles the north in more than the vegetation. Nearly every year we pick up Yellow-rumped Warbler, Hermit Thrush, White-throated Sparrow, and Nashville Warbler. In addition, this year we recorded Harris' Sparrow, Lincoln's Sparrow, Yellow-bellied Flycatcher, and Golden-crowned Kinglet. The topper to this morning's stop was a calling Sharp-shinned Hawk.

Our route now turned south through additional bog, white pine forest, alder thickets, and wetlands. The land is divided nearly equally between private and public ownership. Several parcels of private land including most of boreal corner are privately owned and management could easily change the excellent bird habitat to highly disturbed agricultural fields nearly devoid of any bird species.

The trip south produced nesting Common Loon, a Belted Kingfisher (frequently a nemesis species for us), and Alder Flycatcher. We stopped near a Northern Goshawk territory and listened for a while with no success. A single call from a CD player elicited a response, and we had the hard accipiters listed. This portion of the route ended in Mather at 9:00 when we conduct our first status count for the day. The count listed 164 species recorded, including 27 species of warblers.

East through the Necedah National Wildlife Refuge usually adds several species to our list. But that day after reviewing the possible species we could add, we spent precious little time birding there, because we would spend a lot of time looking at the same species we had already recorded. Our next major goals are Orchard Oriole, Lark Sparrow, and Osprey. These species are usually found in or just east of Necedah. We picked up a female Orchard Oriole at a feeder in Sprague. We found the singing Lark Sparrow and Osprey nest in their traditional spots.

During the 45-minute drive to the Baraboo hills we reached the 12:00 hour and our next status check. As we approached Devil's Lake SP from the east we stood at 171 species for the day. The next 2 ½ hours would be spent at several protected areas racking up a laundry list of rare and not so rare southern Wisconsin birds. The Baraboo Hills are a real beacon for forest dwelling birds. Large tracts of closed canopy forest of varying age classes and interior gaps provide the habitat requirement for many sensitive nesters.

Near Parfrey's Glen, we found Cedar Waxwing, another nemesis species, and coincidentally the first time in a decade we recorded both kingfisher and waxwing on the same day. A Cerulean Warbler, Tufted Titmouse, and Willow Flycatcher were added east of Devil's Lake. In the park, Louisiana Waterthrush sang from a swollen creek, a Winter Wren bubbled its song from the talus, and an Olive-sided Flycatcher foraged within inches of the lake as

the daytime high hit 55°F. A quick run down Burma Road added Black-throated Blue Warbler and Acadian Flycatcher and literally hundreds of migrants dripping off the trees—an event that was even more surprising, because the day before at the same time of day, not a single bird was found from the same spot.

Our next stop was Baxter's Hollow, a Nature Conservancy property lying just west of Devil's Lake. Baxter's Hollow is usually very good for southern warblers. 19 May was no exception. We had Worm-eating Warbler near the first bridge, Hooded Warbler just upstream, both Yellow-throated Warbler, and Summer Tanager singing near the upper white pines. As we left Baxter's Hollow, we had listed 34 species of warbler for the day, with only Kentucky and Prairie missing.

We then pushed onward towards the shorebird and waterfowl portion of the day. The first stop boded well for shorebird observation. A small mudflat near Fish Lake had several Semipalmated Sandpipers and three Western Sandpipers. The closeness of the birds to us allowed for excellent observation conditions to view the finer points of the Western Sandpipers. All three birds had distinctively longer and more drooping bills than Semipalmated Sandpiper. One bird in particular was nearing high breeding plumage with gorgeous browns on the crown, back and ear patch. The black legs eliminated any confusion with Least Sandpiper, and the identification was further confirmed when we heard much different and less rattling calls than what the other shorebirds were giving. Another mudflat added more shorebirds including a Ruddy Turnstone. The six Franklin's Gulls that had been present in this area for the previous three days were nowhere to be found.

As we left the Fish Lake area, the time was 15:00 hours and we stood at exactly 200 species for the day. A quick scan of the birds still available indicated we would need a significant shorebird migration and several lingering duck species to reach an ultimate level. Terrestrial birds were down to Cooper's Hawk, Lapland Longspur, Water Pipit, Yellow-billed Cuckoo, White-crowned Sparrow. We did not consider Bald Eagle, Northern Bobwhite and Gray Partridge as options anymore. A stop at Schumacker Road mudflats added Water Pipit and Greater Yellowlegs. A stop at Schoenberg Marsh added Black Tern. A stop on the east side of the same Mud Lake visited earlier in the day yielded Lapland Longspur south of King Road and Yellow-billed Cuckoo near an infestation of tent caterpillars. Green-winged Teal, Ruddy Duck, Lesser Scaup, and American Coot were added from the ponds in northern Dane Co. A Solitary Sandpiper was found at a wetland restoration site near Pardeeville. Lake Maria produced both Red-breasted and Common Merganser, plus a Forster's Tern. The shoreline was also hopping with migrants, but we did not spend any time chasing warbler chips.

We now headed towards Horicon Marsh. The time was 18:00 hours and we stood at 213 species for the day. We knew there were several sure bets: White Pelican, Great Egret, and Black-crowned Night Heron. The day before during scouting, the marsh held numerous shorebird species and many lingering duck species. We entered the refuge with a sense of anticipation, but also a queeziness,

because we felt we were on the verge of something monumental.

Time was not a factor; we had plenty of daylight to slowly scan the full length of Highway 49 for birds. We almost immediately picked up the three sure bets. The northwest portion of the wetland had many shorebirds. We picked out a Red Knot plus added a Gadwall. Farther east, we added a lone drake Canvasback, but missed the Pintail and Greater Scaup seen the day before. Upon reaching the huge mudflats, we immediately found a Bonaparte's Gull, both Godwits, and a Common Tern. Near the northeast side several Cattle Egrets were seen in the flooded bushes. On the southern end of the mudflats, we found huge flocks of dowitchers that were already had, but never before in such large numbers. We then found a small group of Red-necked Phalaropes and as we were enjoying them a much different shorebird stood out. Appearing to be similar sized to a Lesser Yellowlegs, this bird was very brown in comparison. The brown was a darkish brown with a lighter brown on the cheek. The sides were lightly flecked with dark brown over a base of lighter browns. The bill was black, shorter, and thicker than any yellowlegs bill. The legs were yellowish-orange. The bird foraged in a slow deliberate manner much unlike yellowlegs. We determined this bird to be a Ruff – our one very rare bird for the day. The drier flats held dozens of Black-bellied Plovers and at least 100 Semipalmated Plovers. From the same drier flats, we heard the distinctive whistles of several American Golden Plover coming from the center of the vast area. We picked out a pair of American Widgeon before heading back to Highway 49.

Standing at 228, we nearly conceded that we were done for the day at 20:00 hours. A scan of the checklist did not leave many options. We decided to finish the day near the mudflat just in case a Peregrine would fly by. As we returned to the western edge of the mudflat, we picked out a pair of Northern Pintail. Buoyed by this sighting we scanned the deep water north of the road and picked out a lone drake Greater Scaup. Both of the birds found scouting the previous day were still there. We now conceded there was nothing else we could get for the day and concluded at 20:20.

230 SPECIES

We now entered uncharted territory. We had similar feelings the first time we broke the 200-barrier, but this was different. After any other Big Day, we always recap the day in our minds. Mostly with a sense of satisfaction and accomplishment, but every time “what if” questions lingered in the back of our minds. We look at each other and seemed to sense a quest fulfilled. We had no what if questions. No questions about missed species. We could have presumably found Bald Eagle (probably on the nest, but unviewable from our angle), Cooper's Hawk (usually the easiest accipiter to find), and White-crowned Sparrow. Other possibilities were Peregrine Falcon (seen several times before and after our Big Day at Horicon), Bufflehead (seen the day before at a pond in Columbia Co), and Franklin's Gull (six were seen each of the three days prior to the Big Day at Fish Lake). We did not ask those questions nor even ponder the “what if we had found those species” questions.

We had reached a lifetime goal. Probably the best statement is “Wisconsin is a great place to be a birder”. We have combinations of southern, northern, eastern and western species all coming together in this state. We also have a tremendous commitment by our citizens to identify and protect areas important to birds. We also have a commitment by those managing our public trusts to consider birds in their management schemes.

We ended the day with 8 heron species, 18 duck species, 8 hawk species, 28 shorebird species, 6 owl species, 7 woodpecker species, 11 flycatcher species, 7 thrush species, 34 warbler species, and 15 sparrow species. Significant were the lingering ducks, the great fallout of migrants, and the realization that “If you supply shorebird habitat, they will come”. Horicon Marsh staff has to be acknowledged for their management of the wetlands. Tens of thousands of shorebirds of at least 30 species utilized their mudflats this spring.

Our 230 species simply affirmed that the diversity of birdlife in Wisconsin, the commitment of our citizens to birds, and the enlightened management of our public lands for all birds rivals any location in North America.

WISCONSIN #6 – 31 Aug 02- 0232 to 2002 – Species Totals 186/186; (Team/Shared): Randy Hoffman 186. 360 Miles by car, 2 miles by foot. *Visiting: Wanaukee Marsh, Meadow Valley SWA, Cranmoor Bogs, Hemlock Creek, Buena Vista Grasslands, Grand R Marsh, Horicon NWR, Mud Lake Wildlife Area, Arlington Ponds. Species of note: Black Tern, Purple Martin, Upland Sandpiper, Yellow-crowned Night-Heron.*

I followed the very productive route run last September. The difference a year makes in migration activity can be in order of magnitude. Last year's Big Day on 2 September had a tremendous outfall of migrants. One year later on nearly the same day the migrant movement was a trickle. As expected, even with a trickle many migrants were observed. Unexpected though, were some species lingering longer than usual such as Black Tern, and Purple Martin. Significant singing activity occurred between 0530 and 0615. Recorded singers included Whip-poor-will, Sedge Wren, Common Yellowthroat, Warbling Vireo, Purple Finch, and most impressively two LeConte's Sparrows. Most unexpected was the flushing and subsequent circling flight of an Upland Sandpiper. The bird was flushed from the Buena Vista grassland and it commenced to circle with its stiff winged flight and constantly calling for five or more minutes before it flew off in a southeasterly direction. The other surprise was relocating a Yellow-crowned Night-Heron from the same pond Al Shea and I found it at in our May Big Day. In total 186 species were seen on this day breaking the August big day record for Wisconsin by 16 species (previous 170).

WISCONSIN #7 – 02 Feb 03- 0600 to 2000 – Species Totals 82/82; (Team/Shared): Daryl Tessen 82. 440 Miles by car, 1 mile by foot. *Visiting: Rat R SWA, Horicon Marsh, Madison area, Milwaukee lakeshore, Doctor's Park, Port Washington, Sheboygan, Manitowoc, Two Rivers, Freedom area, and Snake Creek area. Species of note: Surf and Black*

Scoters, Barrow's Goldeneye (V), Long-eared and Northern Saw-whet Owls, Rusty and Brewer's Blackbirds.

This represents a new February record. With some winter finches (absent this year) and spring migrants, 90 plus is possible.

2003 CANADIAN BIG DAYS

QUEBEC – 02 June 03- 0000 to 2015 – Species Totals 166/162; (Team/Shared): Tom Hince 164, Paul Pratt 164. 444 Miles by car, 1 mile by foot. *Visiting: Black Bay, Mont Tremblant PP, St. Columban, Lachine Rapids, St. Timothe Marsh, Huntingdon, Dundee. Species of note: Fox Sparrow (R), Snow Goose (L), Tennessee Warbler (M), Eastern Towhee (M), Common Nighthawk (M), Upland Sandpiper (M), Cerulean Warbler (R).*

This was an impromptu successful attempt to break the old provincial total of 158. After an intense month of May in southern Ontario, Paul and I (Tom Hince) were ready to take a crack at a Big Day. We had hoped to take perennial Big Day companion Bruce Di Labio with us, but he was still swamped with work.

We decided on Quebec simply because of the date. Because it was already late May, we needed a location where there was enough of a breeding bird base to break the existing provincial record. Quebec seemed like a perfect fit. Still, it was much tougher than we anticipated simply because we didn't know much about the birding sites in the Montreal area, which was key to our route. Although there was an excellent local guide, it was somewhat dated and several new sites were not included. Still several days of scouting managed to sort much of this out.

The second big stumbling block was the shorebird family. We didn't need a lot of migrants to break the record, but we did need SOME. There simply were NO good spots for shorebirds and we struggled all day with this group. At one point we were resigned to getting just four breeding shorebirds on the list.

The most pleasant surprise of all was Mt. Tremblant PP, which is a superb area full of northern breeding species. Although we couldn't pin down Spruce Grouse there, we did find good numbers of Boreal Chickadees, Gray Jays, Black-backed Woodpeckers, and finches, and most surprisingly, territorial Fox Sparrow, Wilson's and Palm Warblers!

Because our route was based largely on breeders, our scouting paid off in spades. We kept plugging all day long but by mid afternoon we knew it was going to be really tight unless we could dig up some migrants. The big moment of the day was Tom's discovery of a lone Least Sandpiper in a flooded field near St. Timothe Marsh. This encouraged us to search more wet fields and eventually we dug out Semipalmated Sandpiper, Semipalmated Plover, White-rumped Sandpiper, Black-bellied Plover, and Short-billed Dowitcher. Not a stunning list but six more shorebirds than we had anticipated, and that got us over the top!

ONTARIO – 19 April 03- 0800 to 1300 – Species Totals 34/34; (Team/Shared): Christian Ogilvie 34. 0 Miles by car, 7.5 miles by foot. *Visiting: Leslie Street spit, East Humber R Park, both in Toronto. Species of note: none.*

As it turned out, this little birthday outing would be my first, last, and only birding outing in Toronto during my one year stay here. I found the local birding alert on the Internet and was hopeful of adding a couple lifers to my modest list of just over 300. I began at Tommy Thompson Park, otherwise known as the Leslie Street spit. We experienced a warm March, but April had been disappointing and cold. The weather was cool and breezy. I was greeted by Tree Swallows and even took a picture of one on a fence. As I made my way out, I counted hundreds of Red-necked Grebes. Another birder counted 1800 plus there that day. Along the way I noted 500-plus Double-crested Cormorant nests and thousands of Ring-billed Gulls. Approaching the end of the spit, I found my first lifer, four of my long sought-after White-winged Scoters, a frustrating miss during six years in San Francisco. I saw Killdeer at the end of the spit and headed back, picking up numerous waterfowl and other conspicuous birds. I did not spend enough time in the bushes, as other birders saw 20 Golden-crowned Kinglets, one Ruby-crowned Kinglet, one Brown Thrasher, one Vesper Sparrow, six Brown Creepers, and one Merlin, all of which I missed. House Sparrows not seen all morning, seemingly gravitated to my waiting car. Turkey Vulture and Rock Pigeon were seen en route to the Lake Ontario waterfront on the other side (east) of Toronto at East Humber R Park. Ruddy Duck and American Coot were here, but little else of note. On the way back in at around noon, my last bird and the second lifer was a lone Redhead at close distance. As I raised my binoculars in anticipation, it was...yes, definitely not a Canvasback. This was another long looked-for bird in the San Francisco Bay area. It was a nice morning with a mix of late winter and spring birds. I was surprised when I checked a few days later to find that my list would make a modest contribution to Big Day reports. I am sure someone could and has done better in Ontario in April so I will lay out the challenge to all – let's see those April lists! It seems to be an under-reported month in many places – especially the cold ones.

2003 INTERNATIONAL BIG DAYS

ARGENTINA #1 – 5 Feb 03- 0700 to 1700 – Species Totals 52/52; (Team/Shared): Colin Cambell 52. 75 Kilometers by car, 18 kilometers by foot. *Visiting: Tierra del Fuego NP, Airport Road, Ushuaia Hr and Bay, Arroyo Grande outflow. Species of note: Magellanic Diving-Petrel, Tufted Tit-tyrant, Ringed Kingfisher, Chilean Swallow (M), Turkey Vulture (M), South American Tern (M), American Kestrel (M).*

I had 187 Giant Petrels at Arroyo Grande outflow!

ARGENTINA #2 – 8 Nov 03- 0400 to 2000 – Species Totals 149/146; (Team/Shared): Rob Batchelder 147, Alec Earnshaw 148. 250 Miles by car, 3 miles by foot. *Visiting: Ceibas, Otamendi and Costanera Sur. Species of note: Dusky-legged Guan, Striped Owl.*

Shortly after moving to Buenos Aires in September 2002, I set my sights on breaking the impromptu Argentina Big Day record of 142 species set by Alvaro Jaramillo back in January 1993. I had been birding a number of times with local friend and naturalist Alec Earnshaw, and decided to recruit him for this venture.

Our Big Day began at 0400 at Alec's house. A Tropical Screech-Owl became the second addition to our list (after the omnipresent Rufous-bellied Thrush) when it responded almost immediately to a tape in Alec's garden.

Lightning storms lit up the pre-dawn sky as we drove north to Entre Rios province, arriving at the small settlement of Ceibas at daybreak. While we would be plagued by terrible weather all day long, including wind, rain, and even hail, we made steady progress throughout the morning, finding most of the 100+ expected species before noon. Intermittent thundershowers forced us to seek shelter under trees, but also brought with them six swallow species. The best finds at Ceibas were Red-winged Tinamou, Stripe-backed Bittern (regrettably not a shared bird, as it flushed while Alec was heeding nature's call), Brown Cacholote, Swainson's Flycatcher and White-naped Xenopsaris. In all, we managed more than 120 species in Ceibas, but still had considerable work ahead if we were going to break the ABA record. Due to the condition of the rain-soaked roads, we were unable to follow our planned route, and lost valuable time backtracking to the highway through a torrential downpour.

Once back on the main road, we headed south, crossing the Paraná R into Buenos Aires province. We arrived at Otamendi Reserve around 1600, nearly two hours behind schedule, and a dozen species short of our goal. This stop proved to be a productive one, however, as we quickly added Ultramarine Grosbeak, Tawny-crowned Pygmy-Tyrant, and Dusky-legged Guan (all lifers for me!) along the walking path near the visitor's center. A trip through the estuary and woods below the park headquarters netted Warbling Doradito, Checkered Woodpecker, and perhaps the best bird of the day, a Striped Owl perched in the open just north of the road.

With an hour of daylight left and rain clouds threatening, we sped back to Buenos Aires. Still four birds short of the record, we hoped to reach Costanera Sur before dark. Rock Pigeon and European Starling, still missing from our list at 1830, proved to be easy additions as we drove through the city. The gates of Costanera Sur were closed when we arrived at 1910, but the lake in front of the reserve produced Fulvous Whistling-Duck, Black-necked and Coscoroba Swans, Red Shoveler, Lake Duck, and White-winged Coot. We finished the day as we had begun it: in rain and darkness, but the final count of 146-shared birds was enough for a new record, while leaving plenty of upward potential for future attempts.

BRAZIL – 7 Nov 03- 0400 to 2130 – Species Totals 142/142; (Team/Shared): Bernard Master 142, Peter Bono 142. 15 miles by car, 2 miles by foot. *Visiting: Carlos Botelho SP. Species of note: Black-fronted Piping Gull on nest, vulnerable, Bay-ringed Tyrannulet, near threatened, (R) Eurasian Collared Dove, White-breasted Tapaculo, near threatened species, Buffy-fronted Seedeater, vulnerable;*

Temminck's Seedeater, vulnerable, White-necked Hawk, vulnerable.

CHILE – 2 Nov 99- 0600 to 1900 – Species Totals 75/73; (Team/Shared): Alvaro Jaramillo 75, Terry Witt 74, David Donsker 74. 52 Miles by car, 2 miles by foot. *Visiting: Arica, Llutra Valley, Putre. Species of note: White-cheeked Pintail (R), Common Moorhen (R), Least Sandpiper (R), Stilt Sandpiper (R), American Golden-Plover (R).*

This was not a true Big Day effort, but does show some of the potential of a day started at sea level and ending high in the Andes. Seventeen species of shorebirds started the day off well near the beach with three rarities for the country. Birds were added through the day as altitude and habitat changed until darkness fell outside the hotel in Putre at 11,000 feet, with one participant near prostrate with altitude sickness!

GREECE (Rhodos) – 19 April 03- 0630 to 1215 – Species Totals 61/61; (Team/Shared): Georges Olioso 61. 50 Kilometers by car, 8 kilometers by foot. *Visiting: Afandou beach and golf, Traganou beach, Kallithéa, Falisaki, Kremasti beach. Species of note: Semi-collared Flycatcher, 39 Glossy Ibis, European Kingfisher, Booted Eagle.*

MALAYSIA (Peninsular) – 3 March 03- 0500 to 1930 – Species Totals 94/94; (Team/Shared): Bernard Master 94, Jon Dunn 94, Dennis Young 94. Zero miles by car, 3 miles by foot, 1 mile by boat. *Visiting: Taman Negara, Bleu Yong, Tahan & Swamp Trails. Species of note: None.*

MALI – 27 Dec 03- 0650 to 1745 – Species Totals 76/76; (Team/Shared): Mary Crickmore 76. 120 km by car, 2 km by foot. *Visiting: Bamako. Species of note: None.*

For quite a few months I have wanted to try a Big Day in Mali, ever since in May, with Guy Manners and Ray Smith, we had birded only half a day and were within 9 of the record of 63 set in 1990. Birding here in December has several plusses: the migrants from Europe are here, the hottest temperatures are in the 80's instead of the 100's, and there is no problem of getting your shoes or your vehicle stuck in the mud, since there have been two months without rain. On the minus side, the bishops and weavers are in eclipse plumage and make for flocks of uniformly dull brown birds. The Cisticolas are not singing so they can be neither found nor identified. Finally, some very attractive wet season visitors have gone south to the Ivory Coast.

But, there were only four days left in 2003, so why not? I started out at dawn at the airport, dropping off my non-birding family members to board a plane to Timbuktu. Bird number one, as I had hoped, was a noisy Purple Glossy Starling in its habitual tree next to the hangar, a real treat as the purple head and green wings make a brilliant contrast.

Rose-ringed Parakeets flew overhead and three Long-tailed Glossy Starlings combined to give typical West African background noise. I took off for Cactus Restaurant and

Campground, on the banks of the Niger R, to look for Egyptian Plover (Crocodile Bird). I was also going to look for Pratincoles, but a chain was across the road noting "Deviation" and all vehicles were making U-turns. So, I was not able to get to the part of the Niger R with good sandbars. The Cactus was still accessible, however, and I had two Egyptian Plovers to enjoy at close range. Eight Pied Kingfishers were loudly either socializing or fighting—it was hard to tell.

At the wooded area near the river a Pearl-Spotted Owlet had roosted in a tree and conveniently birds came from all over to mob it. Mostly they were dull brown bishops/weavers/finches, but I also saw a Brown Babbler feeding a juvenile Levaillant Cuckoo, bringing the total to 29, at about 0900.

The next stop was a rocky hill area a 45-minute drive away, where the ecosystem supports completely different species, including our one endemic, Koulikoro Firefinch. (called Mali Firefinch on some checklists). Within minutes of hiking up the rocks, three of my target rock-species came right to me: Red-Winged Starling, Mocking Cliff Chat, and Cinnamon-breasted Rock Bunting. But instead of the Koulikoro firefinch, were Lavender Waxbills, which I had already seen. Then a large raptor landed in a tree fairly close by, taking off after less than a minute and soaring very close—a juvenile Short-toed Eagle. A breeding male Pygmy Sunbird showed off its iridescent green and nearly fluorescent yellow nearby.

I continued by vehicle on a circular route that goes through an irrigation project and winds up by the "Chaussee" or submersible bridge. This is the route we had taken previously in May. There were not as many kingfisher or heron species this time, but there were more warblers and a Broad Billed Roller, with its amazing combination of lilac and deep blue colors.

I ended up walking through the harvested rice fields near Sotuba Research Station. A Booted Eagle and then a Grasshopper Buzzard soared above. I was still missing a Blackcap Babbler, so went in the gate of the Research Station—it has the largest trees in Bamako. We had seen one Blackcap in a group of Brown Babblers there in May. Today there were three of them, plus two Drongos and a large number of Green Wood Hoopoes actively feeding—the sun was getting very low. It was time to head back to where I had parked the car by the bridge. As I walked I almost stepped on a Common Snipe, which flew off—bird number 76, and a nice ending to my first Big Day in Mali. My family members were off riding camels on sand dunes, and I got the wonderful pleasure of a complete day of 100% birding, and at my own pace!

NETHERLANDS – 10 May 03- 0000 to 2400 – Species Totals 190/189; (Team/Shared): Royde Haas 190, Wil Leurs 190, Leo Heemshelk 190, Jan van der Laan 189. 1050 Kilometers by car, 10 kilometers by foot, 2 kilometers by boat. *Visiting: Ameide, Amerong, Wageningen, Zevenaar, Veluwe, Camperduin, Wieringen, Lauwersmeer, Flevoland, Vinkeveen. Species of note: Red-throated Diver (R), Red-crested Pochard (R), Pink-footed Goose (L), White-winged Scoter (L), Common Merganser (L), Peregrine Falcon (R), Red-necked Phalarope (R), White-winged Tern*

(R), Arctic Skua (R), Ortolan Bunting (R), Green Woodpecker (M), Common Redpoll (M), Montague's Harrier (M).

Comments: Pied and Grey-headed Wagtails are considered full species in the Netherlands. Introduced species are not counted in the Netherlands. The Dutch total was 187 species, but when using ABA rules the two splits were removed but five introduced species were added equaling 190 species – a new Dutch record!

URUGUAY – 23 Nov 03- 1200 to 1900 – Species Totals 33/33; (Team/Shared): Rob Batchelder 33. 35 miles by ferry, 5 miles by foot. *Visiting: Colonia del Sacramento. Species of note: Long-winged Harrier, a pair of Whistling Herons, Limpkin, Black-backed (Pied) Water-Tyrant, and White-browed Blackbird.*

This is really nothing more than a placeholder — a Big Day record made to be broken, and perhaps a motivator for more birders to visit Uruguay. The trip itself was just a half-day walking tour of the colonial town of Colonia del Sacramento, founded by the Portuguese in 1680 on the banks of the Rio de la Plata. My wife and I took the ferry over from Buenos Aires and spent the afternoon exploring the cobblestone streets, shops, and restaurants of the old town. Prior to our trip, I had noted the fact that there was no ABA Big Day record on the books for Uruguay, so I took along my binoculars and decided to see how many birds I could find in one afternoon in a relatively urban setting. In addition to the expected species such as Picazuro Pigeon, Great Kiskadee, and Rufous-collared Sparrow, a few surprises turned up, including Long-winged Harrier, a pair of Whistling Herons, Limpkin, Black-backed (Pied) Water-Tyrant, and White-browed Blackbird. Now that Uruguay has found its way into the ABA Big Day Report, any serious birder ought to be able to triple this initial record with little effort. Suerte!

ABA CHAMPION TOP TEN BIG DAYS US STATES

EXPLANATIONS FOR THE FOLLOWING TABLE: 2003 Target Total = the average of the three highest Big Day totals for each state up to the end of 2003. Totals have been adjusted in some cases to reflect the 95% rule.

ALABAMA (2003 Target Total = 186.0)		209	26-Apr-86	J.Parmeter, B.Keelan	
202	24-Apr-83	M.Brown, C.D.Cooley	208	1-May-99	J.Sterling, S.Terrill, S.Rovell (single-county)
181	23-Apr-91	G.D.Jackson, R.A.Duncan, W.J.Bremser, P.Tetlow	207	25-Apr-76	J.Dunn, K.Garrett, P.Lehman, V.Remsen
175	16-Apr-88	R.A.Duncan, P.Tetlow, J.Pfeiffer, K.Wright	202	1-May-82	D.Roberson, B.D.Parmeter, L.C.Binford, J.Parmeter, K. Van Vuren
172	16-Apr-84	M.Brown, C.D.Cooley, J.Tucker			(single-county)
171	22-Apr-83	G.D.Jackson, L.Peavler	201	26-Apr-74	V.Remsen, L.C.Binford, K.Barrett, R.Stallcup
170	24-Apr-85	G.D.Jackson, J.V.Peavy Jr.	201	2-May-75	L.C.Binford, R.Stallcup, B.D.Parmeter, G.L.Bolander
167	30-Apr-83	G.D.Jackson, J.V.Peavy Jr.	200	25-Apr-78	J.Dunn, V.Remsen (single-county)
166	13-Apr-02	L. Gardella, S. Reed, G. Beaton, S. McConnell	200	26-Apr-97	S.Rovell, S.Terrill, T.Easterla, J.Sterling (single-county)
166	16-Apr-82	M.Brown, C.D.Cooley	197	27-Apr-96	S.Rovell, S.Terrill, T.Easterla (single-county)
166	17-Apr-87	G.D.Jackson, J.V.Peavy Jr., C.D.Cooley			Using Chartered Aircraft/Helicopters
160	8-Apr-75	J.V.Peavy Jr., H.Einspahr, R.Manet, G.D.Jackson	243	28-Apr-84	D.Roberson, L.C.Binford, J.Langham, B.D.Parmeter, J.Parmeter
ALASKA (2003 Target Total = 106.3)			235	30-Apr-83	D.Roberson, L.C.Binford, J.Langham, B.D.Parmeter, J.Parmeter, R.T. Peterson
110	16-May-98	G.J.Tans, R.Foley, D.F.Delap	COLORADO (2003 Target Total = 191.0)		
105	18-May-96	G.J.Tans, R.Foley, H.H.S.Scott, J.Scott	204	4-May-00	C.L.Wood, T.Leukering, L.Semo
104	22-May-94	G.J.Tans, R.Foley, H.H.S.Scott	192	10-May-97	S.J.Dinsmore, R.L.Bunn
104	22-May-93	G.J.Tans, R.Foley, H.H.S.Scott	177	15-May-94	J.Kellner, C.L.Wood
102	19-May-95	G.J.Tans, R.Foley, H.H.S.Scott	176	1-Aug-98	C.L.Wood, B.K.Percival, T.Leukering
98	24-May-86	D.F.Delap, S.Wulkowicz	174	13-May-89	W.Leitner, L.Halsey, C.Haynie, D.Nelson
98	27-May-87	M.R.Dalton, M.C.T.Smith	174	6-May-95	P.Sandstrom-Smith, C.Smith
98	21-May-97	G.J.Tans, R.Foley, D.F.Delap	171	10-May-97	P.Sandstrom-Smith, C.Smith
92	21-May-90	D.F.Delap, P.Kline, C.Kline	166	13-May-95	R.L.Bunn, T.Leukering, B.Maynard
88	15-May-99	D.F.Delap, P.Kline, C.Kline	165	15-May-88	J.Cairo, B.Prather, J.Prather
Using commercial aircraft (2003 Target Total = 117.3)			163	18-May-95	J.F.Barber, W.Lisowsky
125	4-Jun-93	M.R.Dalton, M.C.T.Smith	CONNECTICUT (2003 Target Total = 177.0)		
119	6-Jun-92	M.R.Dalton, M.C.T.Smith	186	20-May-94	E.Hagen, B.Devine, B.Root, M.Szantyr, C.Wood, G.Hanisek
108	23-May-89	M.R.Dalton, M.C.T.Smith	173	19-May-92	E.Hagen, B.Devine, B.Root, M.Szantyr, D.Tripp
ARIZONA (2003 Target Total = 196.7)			172	18-May-90	E.Hagen, B.Devine, B.Root, M.Szantyr
199	25-Aug-98	J.Withgott, J.Taylor, C.Gordon, G.Rosenberg	170	19-May-89	E.Hagen, B.Devine, B.Root, M.Szantyr, C.Wood
196	18-Aug-92	D.Stejskal, K.Kaufman, G.Rosenberg, C.Benesch, W.Russell	170	17-May-92	S.Mayo, T.McGrath, K.Murphy, D.Rosgen
195	18-Aug-89	J.Coons, D.Stejskal, G.Rosenberg, J.Kingery	168	21-May-93	E.Hagen, B.Devine, B.Root, M.Szantyr, C.Wood
191	27-Apr-84	K.Kaufman, D.Stejskal	167	22-May-88	F.W.Mantlik, F.Purnell, T.Baptist
190	30-Apr-77	D.Stotz, T.Parker, S.Parker	164	18-May-86	S.Kellogg, C.Withgott, Jay Withgott, James Withgott
185	28-Apr-90	S.Ganley, R.Ferguson, D.Stejskal, B.Norton	163	18-May-90	F.W.Mantlik, T.Baptist, L.Bevier
182	26-Apr-98	J.Withgott, J.Taylor, C.Gordon	162	18-May-86	M.Szantyr, D.Varza, B.Devine, F.W.Mantlik
178	4-May-97	J.Withgott, J.Taylor, F.Gallo	DELAWARE (2003 Target Total = 194.7)		
177	4-May-77	B.Bates, J.Bates, G.Baker, D.Stotz, D.Wharton	199	15-May-97	D.Cutler, J.Armstead, C.Perry, H.Brokaw
172	13-Aug-84	K.Kaufman, S.Suter, R.Taylor	195	13-May-97	A.P.Ednie, J.White, E.Short, J.Gordon
ARKANSAS (2003 Target Total = 164.3)			190	16-May-95	D.Cutler, J.Armstead, C.Perry, H.Brokaw
168	9-May-99	K.Nichols, B.Verser	188	11-May-95	N.J.Pulcinella, A.N.Guarente, J.Lockyer, J.Ginaven
165	8-May-99	J.R.Wilson, M.Greene	186	11-May-95	A.P.Ednie, J.White, K.Zeitler, M.Barnhill
160	9-May-92	G.Knight, S.Knight, J.R.Wilson	186	14-May-81	C.Perry, H.Armistead, D.B&H Cutler, J.Gordon
154	9-May-98	J.R.Wilson, M.Greene	182	15-May-96	N.J.Pulcinella, A.N.Guarente, J.Lockyer, J.Ginaven
153	8-May-99	K.Nichols, L.Nichols	172	14-May-93	N.J.Pulcinella, A.N.Guarente, J.Lockyer, J.Ginaven
150	2-May-92	G.Knight, J.R.Wilson	172	14-May-96	A.P.Ednie, K.Zeitler, B.Lego, E.Short
145	11-May-97	K.Nichols, B.Verser	166	10-May-93	A.P.Ednie, C.Campbell, J.Swertinski, J.White
142	5-May-92	J.Withgott	WASHINGTON, DC (2003 Target Total = 125.7)		
140	30-Apr-88	M.Davis, M.F.Hodges Jr, T.Schiefer	134	6-May-89	D.Czaplak, G.Gough, O.Janni, M.Jennison
120	8-May-87	M.David, G.Knight			
CALIFORNIA (2003 Target Total = 216.0)					
231	29-Apr-78	J.Dunn, K.Garrett, V.Remsen, R.Webster			

126	2-May-81	D.Czaplak, F.Hayes, B.Hayes	174	11-May-96	J.O'Brien, R.Hughes, D.Mandell, S.Bailey, S.Mlodinow, S.Patti
117	3-May-86	D.Czaplak, G.Gough, M.O'Brien	173	6-May-86	R.Q.Randall, H.D.Bohlen, P.M.Ward, R.Mudd
116	5-May-84	D.Czaplak	173	13-May-95	J.O'Brien, R.Hughes, D.Mandell, S.Patti
113	9-May-98	B. Swift, O. Janni, M. Parr	172	10-May-89	V.M.Kleen, H.D.Bohlen, P.M.Ward, S.Robinson
113	1-May-93	O.Janni, M.O'Brien, G.Gough	171	16-May-98	J.O'Brien, R.Hughes, D.Mandell, S.Bailey, S.Mlodinow, S.Patti
112	2-May-92	O.Janni, G.Gough	170	11-May-74	P.M.Ward, H.D.Bohlen, T.Crabtree, V.M.Kleen, W.V.O'Brien,
111	9-May-87	D.Czaplak			
106	7-May-88	D.Czaplak, G.Gough			
102	4-May-85	D.Czaplak			
102	19-May-84	D.Czaplak			
FLORIDA		(2003 Target Total = 172.3)	INDIANA		(2003 Target Total = 178.7)
179	23-Apr-83	R.Carter, S.Howell, C.Nesmith, G.Graves	188	15-May-99	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw, B.Jackson, J.Cassady
171	10-Apr-71	J.Edscorn, D.Edscorn, P.J.Fellers	176	17-May-96	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw, B.Jackson, J.Cassady
167	21-Apr-87	R.A.Duncan, S.Duncan, L.Duncan, B.Bremser	172	10-May-88	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw, B.Jackson
166	14-Apr-73	J.B.Edscorn, P.J.Fellers, H.B.Herbert, K.Edscorn	170	17-May-03	J.Cassady, J.McCoy, B.Grube, B.Palmer-Ball
165	2-May-03	D.Simpson	170	17-May-93	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw
163	18-Apr-81	R.Carter, T.Schulenberg, G.Graves, A.Capparella	167	16-May-03	L. Casebere, C. Chapman, C. Hedge, R. Hedge
159	1-Mar-03	D. Simpson, A. Bankert	166	14-May-90	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw
158	2-Oct-03	D.Simpson, S.Bordereaux	165	10-May-79	K.J.Brock, E.M.Hopkins, T.T.Cable, A.Bruner
157	25-Apr-71	J.B.Edscorn, P.J.Fellers, C.A.Saffell	160	11-May-78	K.J.Brock, E.M.Hopkins, T.T.Cable, J.T.Underborn
156	2-May-81	R.Carter, G.Graves	158	11-May-89	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw, B.Palmer-Ball Jr.
156	1-Apr-98	L.S.Hopkins, K.Nelson, V.Morrison	158	17-May-91	K.J.Brock, E.M.Hopkins, S.F.Jackson, J.A.Haw
GEORGIA		(2003 Target Total = 184.7)	IOWA		(2003 Target Total = 196.3)
190	25-Apr-02	G. Beaton, J. Flynn, T. Egan	204	13-May-96	P.C.Petersen, B.Blevins, D.Moeller
183	24-Apr-96	P.W.Sykes Jr., G.Beaton, M.F.Hodges Jr., B.Blakeslee	195	7-May-92	P.C.Petersen, B.Blevins
181	27-Apr-95	P.W.Sykes Jr., C.Perry, M.F.Hodges Jr.	190	11-May-95	P.C.Petersen, B.Blevins, D.Moeller
176	27-Apr-94	P.W.Sykes Jr., C.Perry, M.F.Hodges Jr.	186	11-May-93	P.C.Petersen, B.Blevins, D.Moeller
174	1-May-03	G.Beaton, J.Flynn, E.Horn	183	10-May-94	P.C.Petersen, B.Blevins, D.Moeller
174	1-May-97	G.Beaton, J.F.Flynn, M.F.Hodges Jr.	182	11-May-90	S.J.Dinsmore, G.Brown, A.Fix
173	30-Apr-93	P.W.Sykes Jr., C.Perry, T.Leukering	182	8-May-91	P.C.Petersen, B.Blevins, D.Moeller
169	27-Apr-91	P.W.Sykes Jr., B.Dunning, C.Perry, P.Yaukey	173	8-May-90	P.C.Petersen, B.Blevins, D.Moeller
168	24-Apr-00	G.Beaton, J.F.Flynn, P.W.Sykes Jr.	171	10-May-86	S.J.Dinsmore, G.Brown, E.Munson
166	25-Apr-92	P.W.Sykes Jr., B.Dunning, C.Perry	171	11-May-96	S.J.Dinsmore, B.Engebretsen
HAWAII		(2003 Target Total = 57.7)	KANSAS		(2003 Target Total = 213.3)
O'ahu only			225	13-May-02	M.Robbins, R.McNeil, M.Rader
59	27-Oct-85	A.Engilis, A.Newman, B.Pitman, L.Spear	220	13-May-03	M. Robbins, R. McNeill, S. Patti, M. Rader
58	26-Sep-93	R.Pyle, A.Engilis, T.McCafferty	210	10-May-00	C.D.Hobbs, S.Patti, M.Robbins, M.D.Rader
56	2-Feb-00	K.Pohlman	205	14-May-96	C.D.Hobbs, S.Patti, M.Robbins, T.Peterson, R.Prum
54	26-Sep-81	R.Pyle, P.Donaldson, M.Ord, C.Vinsonhaler	204	11-May-97	C.D.Hobbs, S.Patti, M.Robbins, R.Prum, V.Laux
52	23-Oct-76	R.Pyle, M.Ord, R.Shallenberger	200	12-May-91	C.D.Hobbs, M.McHugh, S.Patti, G.L.Pittman
52	16-Sep-79	R.Pyle, M.Ord	178	9-May-86	C.D.Hobbs, M.McHugh, M.Cooksy, K.Hollinga
50	20-Sep-80	R.Pyle, M.Ord, P.Donaldson, J.Brodie-Good	172	11-May-84	C.D.Hobbs, M.McHugh
46	27-Sep-80	R.Pyle, P.Donaldson, G.Koss	171	3-May-97	P.C.Wedge, D.Seibel, G.L.Pittman, M.McHugh
44	28-Aug-00	K.Pohlman, H.King	164	29-Apr-99	M.D.Rader, S.Seltman
43	14-Apr-99	K.Pohlman	158	28-Apr-90	D.Seibel, G.L.Pittman, P.Rasmussen, P.C.Wedge
Multi-island, using commercial aircraft			KENTUCKY		(2003 Target Total = 171.7)
81	19-Oct-87	R.Pyle, R. David, A. Engilis	176	6-May-02	M.Bierly, M.Monroe, B.Palmer-Ball, Jr.
IDAHO		(2003 Target Total = 172.7)	171	7-May-97	B.Palmer-Ball Jr., J.Elmore
176	11-Jun-99	J.F.Gatchet, T.Edwards	168	6-May-96	B.Palmer-Ball Jr., B.L.Monroe Jr., M.Monroe, R.Healy Jr., D.Parker
173	12-Jun-99	C.H.Trost, J.Paruk, M.Collar	168	6-May-99	B.Palmer-Ball Jr., B.L.Monroe Jr., M.Monroe, D.Parker
169	12-Jun-98	C.H.Trost, W.E.Harper	165	7-May-92	B.Palmer-Ball Jr., J.T.Erwin, D.Parker, C.B.Elmore
168	6-Jun-98	C.H.Trost, J.Paruk, R.Clark, M.Collar	165	6-May-00	B.Palmer-Ball Jr., J.Elmore, M.Monroe, D.Parker
167	17-Jun-97	J.F.Gatchet, D.L.Edwards	162	7-May-90	B.Palmer-Ball Jr., J.T.Erwin, D.Parker
158	18-Jun-91	W.E.Harper, C.H.Trost, S.M.Scott, J.Tinsley	159	6-May-98	B.Palmer-Ball Jr., J.Elmore, D.Parker
158	21-Jun-97	W.E.Harper, C.H.Trost, S.M.Scott	156	5-May-88	B.Palmer-Ball Jr., J.T.Erwin, D.Parker
157	7-Jun-98	J.F.Gatchet, D.Lawrence	156	9-May-89	B.Palmer-Ball Jr., J.T.Erwin
157	9-Jun-01	M. Collar, D. Mead, J. Moodie, C. Trost	LOUISIANA		(2003 Target Total = 201.3)
156	12-Jun-89	W.E.Harper, C.H.Trost, C.Webb	209	25-Apr-01	C. Witt, D. Christian, J. Weckstien
ILLINOIS		(2003 Target Total = 178.0)	202	21-Apr-87	V.Remsen, S.W.Cardiff, D.L.Dittmann, T.Parker
184	17-May-97	J.O'Brien, R.Hughes, D.Mandell, S.Bailey, S.Mlodinow, S.Patti	193	18-Apr-01	C. Witt, D. Christian, R. Moyle, J. Weckstien
175	9-May-94	V.M.Kleen, H.D.Bohlen, R.Randall, M.Ward, P.M.Ward	183	26-Apr-80	P.MacKenzie, B.Crider
175	5-May-97	K.A.McMullen, D.Kassebaum, J.DeNeal	182	17-Apr-85	P.MacKenzie, M.Swan
175	13-May-97	V.M.Kleen, H.D.Bohlen, M.Ward, P.M.Ward, T.Ward	178	27-Apr-96	S.W.Cardiff, D.L.Dittmann

176 18-Apr-84 P.MacKenzie, M.Swan, D.Krider
 165 30-Apr-94 R.Breedlove, R.Bacon, C.Lyon
 144 12-May-79 D.Engleke
 143 1-Jun-99 S.W.Cardiff, D.L.Dittmann

MAINE

(2003 Target Total = 168.7)

178 22-May-99 L.R.Brinker, D.Ladd, W.Sheehan, R.Lambert
 165 19-May-96 L.R.Brinker, D.Ladd, W.Sheehan, R.Joseph
 163 22-May-93 L.R.Brinker, R.Humphrey, D.Ladd, W.Sheehan
 162 21-May-94 L.R.Brinker, R.Humphrey, D.Ladd, W.Sheehan
 140 21-May-95 W.Howes, W.Sumner
 140 28-May-00 R.M.Milardo, J.K.Markowsky, B.Barker
 138 24-May-93 R.M.Milardo, J.K.Markowsky, B.Barker
 133 25-May-90 R.M.Milardo, J.K.Markowsky, B.Barker
 132 31-May-03 B.Duchesne, S.Duchesne, L.Vernon, N.Larson
 132 28-May-95 R.M.Milardo, J.K.Markowsky, B.Barker

MARYLAND

(2003 Target Total = 201.7)

206 18-May-96 M.O'Brien, J.O'Brien, P.Pisano, O.Janni
 206 18-May-98 M.O'Brien, P.O'Brien, P.Pisano, O.Janni, W.Russell
 193 26-May-99 M.J.Iliff, A.Farnsworth
 189 6-May-95 M.O'Brien, P.O'Brien, P.Pisano, O.Janni
 188 17-May-90 M.O'Brien, P.O'Brien, L.Davidson, P.Pisano, G.Gough
 186 14-May-88 M.O'Brien, P.O'Brien, L.Davidson, P.Pisano
 185 12-May-89 M.O'Brien, P.O'Brien, L.Davidson, P.Pisano, G.Gough
 182 18-May-91 M.O'Brien, P.O'Brien, L.Davidson, G.Gough
 181 10-May-86 M.O'Brien, P.O'Brien, L.Davidson, P.Pisano, G.Gough
 177 1-Jun-92 M.O'Brien, P.Pisano, O.Janni

MASSACHUSETTS

(2003 Target Total = 159.3)

162 27-May-02 Barrett Lawson, Bob Lawson, S.Wheelock
 161 25-May-87 G.d'Entremont, D.Brown, S.J.Dinsmore
 155 15-May-99 S.Wheelock, Barrett Lawson, Bob Lawson, K.Rodman
 154 20-May-02 S. Kellogg, T. Swochak, J. Weeks, J. Zepko
 154 25-May-80 R.Stymeist, T.Lawrence
 152 5-Jun-99 S.Wheelock, D.Furbish
 143 19-May-03 S.Kellogg, J.Weeks, J.Zepko
 138 25-May-87 J.Withgott, C.Withgott
 128 25-Jul-99 S.Wheelock, Barrett Lawson, Bob Lawson
 120 21-May-78 R.Prum, W.Ellison

MICHIGAN

(2003 Target Total = 194.3)

203 26-May-95 R.J.Weeks, T.R.Kemp, B.Kemp
 191 20-May-92 T.R.Kemp, B.Kemp, T.Walsh, R.J.Weeks
 189 6-Jun-00 K.S.Thomas, B.Murphy
 185 27-May-93 R.J.Weeks, T.R.Kemp, B.Kemp
 184 29-May-94 J.Reinoehl, B.Bouton, A.Byrne, J.Granlund
 183 21-May-91 T.R.Kemp, B.Kemp
 182 21-May-89 T.R.Kemp, B.Kemp
 179 22-May-91 R.J.Weeks, T.Walsh
 178 19-May-89 R.J.Weeks, T.Walsh, C.Francke
 176 26-May-90 T.R.Kemp, B.Kemp

MINNESOTA

(2003 Target Total = 193.3)

204 26-May-02 A.Hertzel, P.Svingen
 192 21-May-83 K.R.Eckert, P.Egeland, H.Kyllingstad, T.Savaloja
 184 23-May-85 K.R.Eckert, P.Egeland, H.Kyllingstad, P.Backstrom
 183 19-May-73 K.R.Eckert, P.Egeland, H.Kyllingstad, T.Savaloja
 182 27-May-86 K.R.Eckert, P.Egeland, H.Kyllingstad, F.Lesher
 181 18-May-74 K.R.Eckert, P.Egeland, H.Kyllingstad, T.Savaloja, K.Martell
 181 23-May-81 K.R.Eckert, P.Egeland, H.Kyllingstad, S.Millard
 181 18-May-99 P.Svingen, A.Hertzel (single-county)
 179 22-May-76 K.R.Eckert, P.Egeland, H.Kyllingstad, T.Savaloja, B.Jansen
 178 25-May-84 K.R.Eckert, P.Egeland, H.Kyllingstad, K.Camburn

MISSISSIPPI

(2003 Target Total = 172.7)

175 16-Apr-89 T.Schiefer, M.F.Hodges Jr.

172 23-Apr-83 J.Toups, E.Johnson, C.Roemer
 171 2-May-89 J.Toups, C.Cassibry, G.Morgan, J.Pennell
 165 28-Apr-79 L.Gates, J.Toups
 158 7-May-03 S.Dinsmore, P.Barbour
 156 5-May-86 J.Toups, D.King, C.Roerner
 153 4-May-78 L.Gates
 140 28-Mar-85 J.Toups, M.F.Hodges Jr, D.Ruple
 134 30-Apr-89 T.Schiefer, M.F.Hodges Jr.
 132 3-May-86 M.Davis, G.C.Knight

MISSOURI

(2003 Target Total = 196.0)

208 11-May-91 P.McKenzie, T.Barksdale
 192 11-May-91 D.A.Easterla, M.B.Robbins, T.B.Easterla
 188 11-May-90 D.A.Easterla, M.B.Robbins, T.B.Easterla
 177 11-May-89 D.A.Easterla, M.B.Robbins, T.B.Easterla
 174 14-May-88 T.Barksdale, M.Corder, R.Brundage, W.Leitner
 169 15-May-79 D.A.Easterla, M.B.Robbins, T.Barksdale
 166 15-May-75 D.A.Easterla, M.B.Robbins
 166 11-May-78 D.A.Easterla, M.B.Robbins
 164 16-May-78 D.A.Easterla, M.B.Robbins
 164 9-May-00 D.A.Easterla, J.Hilsabeck, K.Goslee (single county)

MONTANA

(2002 Target Total = 176.6)

192 2-June-03 B.Kemp, R.Weeks
 181 4-Jun-02 R.Weeks, B.Kemp
 175 10-Jun-00 J.Rogers, D.Casey, S.Jones, S.Casey, J.Marks, B.Petty
 174 6-Jun-92 J.Rogers, D.Casey, S.Jones, S.Casey
 174 16-Jul-99 S.J.Dinsmore, A.S.Fix, T.Hanks
 172 5-Jun-99 D.Casey, J.Marks, B.Petty, J.Rogers
 170 6-Jul-98 S.J.Dinsmore, J.G.Jorgensen, J.Sullivan
 162 9-Jul-91 W.E.Harper, S.M.Scott
 161 8-Jun-96 D.Casey, S.Casey, A.Dumin, P.Bodewald
 159 1-Jun-91 J.Rogers, D.Casey, S.Jones, S.Casey

NEBRASKA

(2003 Target Total = 170.0)

175 14-May-00 S.J.Dinsmore, J.Fontaine, R.Silcock
 173 12-May-99 S.J.Dinsmore, J.Fontaine, D.C.Ely
 162 15-May-93 M.A.Brogie, P.Wickham
 157 20-May-89 S.J.Dinsmore, R.Silcock
 150 12-May-90 M.A.Brogie, B.Huser
 148 8-May-99 J.Sullivan, M.Orsang, E.Bachel
 146 13-May-89 B.J.Rose, D.Rose, R.Rose
 143 18-May-84 T.Bray, B.Padelford, T.Kent, R.Silcock
 142 16-May-81 B.J.Rose, S.Rose
 138 29-May-76 R.C.Rosche, D.J.Rosche, J.L.Mortimer

NEVADA

(2003 Target Total = 152.0)

162 10-May-97 L.A.Neel, G.Chisholm, K.Geluso, B.Flores
 150 3-May-96 L.A.Neel, G.Chisholm, K.Geluso, B.Flores
 144 14-May-78 G.Clifton, K.Knittle
 136 15-May-95 R.Schlageter, J.J.Eidel, S.Mills
 133 19-Jun-77 E.W.Tillay, G.Clifton, K.Knittle
 133 11-May-94 C.Titus, R.McArthur, R.Rucker (single-county)
 132 8-May-93 C.Titus, R.McArthur, J.Kaplan, R.Rucker
 129 4-May-96 J.J.Eidel, A.Gubanich, B.Moore, A.Gross
 127 11-Jul-76 E.W.Tillay, G.Clifton, K.Knittle
 126 12-May-95 C.Titus, R.McArthur

NEW HAMPSHIRE

(2003 Target Total = 161.3)

170 27-May-97 P.D.Hunt, S.Mirick, A.Strong, D.Strong
 163 24-May-96 P.D.Hunt, S.Mirick, M.Suomala
 156 25-May-02 J.Lawrence, P.LaCourse, D.Dansler, S.Mirick
 156 23-May-99 P.D.Hunt, A.Strong, D.Strong
 156 21-May-00 R.Woodward, I.MacLeod, G.Robbins
 151 26-May-94 P.D.Hunt, P.Marra, M.O'Brien
 151 4-Jun-96 P.D.Hunt, T.Johansen, D.Strong
 146 28-May-93 W.Ellison, D.Crook
 145 26-May-95 P.D.Hunt, D.Crook, L.Bunten
 144 25-May-03 S.Mirick, J.Lawrence

NEW JERSEY

(2003 Target Total = 225.0)

229 11-May-96 D.Womer, C.Aquila, D.Dendler

225 13-May-95 T.Hince, P.D.Pratt, B.Dilabio
 221 13-May-95 D.Womer, C.Aquila, D.Dendler
 218 15-May-99 D.Womer, C.Aquila, D.Dendler
 218 14-May-94 D.Womer, C.Aquila, D.Dendler
 215 15-May-93 T.Hince, P.D.Pratt, B.Dilabio
 211 10-May-97 D.Womer, C.Aquila, D.Dendler
 210 19-May-90 P.Pacinski, P.Dunne, L.Dunne, R.Radis, D.Freiday
 210 14-May-94 P.Pacinski, P.Dunne, L.Dunne, R.Radis, D.Freiday
 210 14-May-94 T.Hince, P.D.Pratt, B.Dilabio

NEW MEXICO (2003 Target Total = 192.3)

200 3-May-97 B.R.Zimmer, J.Paton
 198 6-May-99 B.R.Zimmer, J.Paton
 179 11-May-96 B.Neville, D.Emkalns, J.Paton
 177 31-Aug-92 B.R.Zimmer, J.Gordon
 173 4-May-91 J.Parmeter, A.Kraynik, L.Gorbet
 170 10-May-84 K.Zimmer, B.R.Zimmer
 170 11-Sep-86 B.R.Zimmer, J.Donaldson
 169 1-May-94 D.Emkalns, C.Rustay
 167 3-Sep-87 B.R.Zimmer, G.W.Lasley, K.Kaufmann
 162 2-May-83 K.Zimmer, B.R.Zimmer

NEW YORK (2003 Target Total = 196.0)

202 18-May-03 D.Harris, B.Klick
 201 26-May-02 D.Tetlow, J.Barry, K.Fox
 195 22-May-99 K.C.Griffith, K.Fox, D.Tetlow
 192 25-May-97 B.E.Ewald, M.Davids, K.Fox, D.Tetlow
 181 18-May-92 R.J.Kurtz, H.McGuinness, A.Baldelli
 179 23-May-93 J.Skelly, D.Tetlow, M.Davids
 175 24-May-02 D.Harris, B.Klick
 173 19-May-74 T.Davis, P.Lehman, D.Finch, R.Smart
 173 19-May-86 K.Griffith, M.Davids, C.Taylor
 173 19-May-02 Jessi Barry, Jim Barry, K.Griffith

NORTH CAROLINA (2003 Target Total = 175.0)

184 3-May-87 J.M.Lynch, D.Carter, J.Fussell, R.Davis, A.Bryan
 174 6-May-93 S.J.Dinsmore, J.Nance
 167 20-Apr-87 J.Nance, G.Massey
 157 3-May-03 R. Van Epps, T. Piephoff, J. Pippen, B. Carlson
 156 4-May-81 M.Tove, J.Fussell, R.Davis
 155 5-May-02 T.Piephoff, R. VanEpps
 151 7-May-99 C.A.Eley, G.Brown
 140 6-May-80 S.Graves
 126 8-May-76 R.Carter, C.M.Eastman, A.Capparella
 120 23-Apr-77 R.Carter, S.Alford
 120 27-Apr-00 C.H.Gambill, R.Gambill, L.Gambill

NORTH DAKOTA (2003 Target Total = 158.0)

167 17-May-81 D.O.Lambeth, S.O.Lambeth, G.S.Lambeth
 154 23-May-92 D.O.Lambeth, S.O.Lambeth, P.Svingen, K.Risen
 153 19-May-79 D.O.Lambeth, S.O.Lambeth, G.S.Lambeth
 150 18-May-80 D.O.Lambeth, S.O.Lambeth, G.S.Lambeth, J.F.Kelly
 127 14-May-78 D.O.Lambeth, S.O.Lambeth, G.S.Lambeth
 126 8-June-03 C.Ellingson, C.Talkington
 122 23-Jul-77 K.J.Zimmer, B.R.Zimmer
 118 23-May-76 K.J.Johnson, A.G.Johnson
 118 7-Aug-99 P.A.Stutesman
 115 11-May-75 R.Quanrud, J.C.Swanick & spouse

OHIO (2003 Target Total = 191.7)

205 11-May-87 J.Pogacnik, J.K.Alexander
 186 10-May-85 J.Pogacnik, J.K.Alexander, M.Anderson
 184 11-May-02 D.Sanders, J.McCormac, B.Master
 182 16-May-92 T.R.Kemp, M.Anderson, E.Tramer, S.Lauer, C.Anderson
 179 9-May-81 T.Bartlett, B.Peterjohn, D.Tumblin, E.Pierce
 173 19-May-78 T.Thompson
 173 14-May-97 B.F.Master, M.Dawson
 172 14-May-96 B.F.Master, M.Dawson
 171 13-May-95 B.F.Master, M.Dawson
 170 14-May-94 B.F.Master, M.Dawson, S.Smith

OKLAHOMA (2003 Target Total = 178.0)

180 3-May-01 J. Cox, J. Arterburn, K. Kaufman
 177 4-May-96 J.A.Cox, K.Kaufman, J.Arterburn
 177 29-Apr-99 M.B.Kamp, J.Loyd, P.L.Seibert
 169 2-May-96 M.B.Kamp, J.Loyd, P.L.Seibert
 167 1-May-93 J.Woodard, T.Mitchell, B.Griffen
 161 3-May-92 M.Droege, D.Verser, M.Vogh
 160 5-May-90 G.Guinan, S.Metz
 154 4-May-91 S.Metz, D.King, T.Moses
 154 9-May-94 J.Withgott, J.Norman
 152 11-May-91 S.Metz, D.Verser, G.Guinan

OREGON (2003 Target Total = 213.7)

216 11-May-02 T. Janzen, T. Love, D. Mandell, C. Roberts
 213 12-May-01 T. Janzen, T. Love, F. Schrok, S. Steinberg
 212 10-May-86 J.Gilligan, D.Fix, S.Hein, D.Irons
 208 9-May-01 C. Miller, D. Mandell, T. Janzen
 206 13-May-97 T. Janzen, C. Miller, D. van den Broek
 206 13-May-03 T.Janzen, H.Herlyn, M.Miller, R.Hoyer
 200 8-May-95 G.Gillson, T.Janzen
 171 12-May-84 S.Summers, James Carlson, S.Gordon
 169 9-May-82 S.Summers, James Carlson, S.Gordon, T.Finnell
 168 21-May-78 T.Finnell, P.Donahue, M.Egger

PENNSYLVANIA (2003 Target Total = 170.3)

178 15-May-99 J.G.Fedak; J.Horn
 170 15-May-98 T.R.Kemp, B.Kemp, G.M.Links
 163 12-May-89 T.Amico, D.Heathcote, S.Santner, B.Schutsky, E.Witmer
 161 16-May-87 J.D.Peplinski, B.Peplinski, T.Schiefer
 159 17-May-97 T.R.Kemp, B.Kemp, G.M.Links
 157 12-May-78 D.Snyder, D.Steadman, J.Stull, S.Stull
 157 7-May-83 G.Wilhelm, D.Hoskins, M.Starker
 156 20-May-78 N.J.Pulcinella, J.Miller, C.Richards, K.Richards
 154 12-May-90 J.D.Peplinski, B.Peplinski, T.Schiefer
 151 19-May-83 F.Haas, B.Haas

RHODE ISLAND (2003 Target Total = 152.3)

159 19-May-84 R.M.Bushnell, R.A.Conway, H.Willoughby
 154 29-May-03 S.Wheelock, Bo.Lawson, Ba.Lawson
 151 15-May-83 R.M.Bushnell, R.A.Conway, H.Willoughby
 147 17-May-80 R.M.Bushnell, R.A.Conway, H.Willoughby, G.Gerdts
 147 15-May-82 R.M.Bushnell, R.A.Conway, G.Gerdts
 144 12-May-79 R.M.Bushnell, R.A.Conway, H.Willoughby, G.Gerdts
 141 15-May-76 R.M.Bushnell, R.A.Conway, H.Willoughby
 141 13-May-78 R.M.Bushnell, H.Willoughby, G.Gerdts
 132 17-May-77 S.C.Tsagarakis, H.Willoughby
 131 14-May-77 R.M.Bushnell, R.A.Conway, H.Willoughby

SOUTH CAROLINA (2003 Target Total = 177.3)

179 28-Apr-92 R.Carter, R.Clark
 177 1-May-89 R.Carter, D.Forsythe, S.Thompson
 176 26-Apr-98 R.Carter, D.Forsythe
 175 30-Apr-88 R.Carter, D.Forsythe, B.Odear
 175 1-May-96 R.Carter, D.Forsythe, K.Kaufman
 173 26-Apr-86 R.Carter, D.Forsythe, B.Odear, K.Kaufman
 172 22-Apr-90 R.Carter, S.Compton, R.Clark, D.Forsythe
 172 4-May-92 R.Carter, D.Forsythe, T.Kalbach
 172 1-May-95 R.Carter, C.M.Eastman
 172 1-May-99 R.Carter, D.Forsythe

SOUTH DAKOTA (2003 Target Total = 165.7)

175 14-May-03 J.S.Palmer, R.F.Schenck
 170 15-May-00 J.S.Palmer, R.F.Schenck
 166 19-May-97 J.S.Palmer, O.Selchert, R.F.Schenck
 161 14-May-99 J.S.Palmer, O.Selchert, R.F.Schenck
 158 15-May-02 J.S.Palmer, R.Schenck
 158 16-May-96 D.L.Swanson, K.Dean, S. Van Sickle, E.Liknes
 155 16-May-96 J.S.Palmer, O.Selchert, C.Vande Voorde

154 8-Jul-93 T.R.Kemp, B.Kemp, E.Durbin
 151 19-May-98 J.S.Palmer, R.F.Schenck
 149 16-May-95 J.S.Palmer, O.Selchert

TENNESSEE

(2003 Target Total = 168.3)

174 10-May-97 J.R.Wilson, M.A.Greene
 169 7-May-94 J.R.Wilson, G.Knight, S.Knight, M.A.Greene
 162 8-May-89 J.Drewry, M.Bierly, B.Palmer-Ball Jr.
 161 8-May-98 J.R.Wilson, M.A.Greene
 155 9-May-84 M.Bierly, B.Palmer-Ball Jr.
 151 24-Apr-99 J.R.Wilson, M.A.Greene
 149 5-May-02 J.Desgrosellier, C.Sloan
 148 4-May-81 C.Swofford, C.Haney
 145 8-May-97 S.M.McConnell, J.Garner, D.Simbeck
 144 29-Apr-89 M.Davis, K.Myers, D.Simbeck, J.Wilson

TEXAS

(2003 Target Total = 242.7)

Land only

258 24-Apr-01 A. Byrne, G. Beaton, D. Peake, R. Weeks, B.Kemp
 237 22-Apr-02 A. Byrne, G. Beaton, D. Peake, R. Weeks, B.Kemp
 233 18-Apr-01 T. Hince, P. Pratt, B. DiLabio
 230 27-Apr-98 O.Carmona, W.Carter, B.McKinney, W.Sekula
 223 29-Apr-98 M.A.Elwonger, P.Petra-Hockey, B.Freeman
 222 24-Apr-99 O.Carmona, W.Carter, B.McKinney, W.Sekula
 215 9-Apr-00 O.Carmona, W.Carter, B.McKinney, W.Sekula
 214 23-Apr-97 M.Cooksey, A.Cooksey, C.D.Hobbs
 213 24-Apr-99 T.Hince, B.Dilabio, P.D.Pratt
 213 31-Mar-01 B. Kemp, R. Weeks

Using Chartered Aircraft/Helicopters

244 1-May-85 V.Emanuel, R.T.Peterson, J.Tucker, G.W.Lasley
 238 1-May-84 V.Emanuel, J.Rowlett, R.A.Rowlett, J.Tucker, J.Vardaman
 234 27-Apr-82 V.Emanuel, R.T.Peterson, T.Parker, J.Rowlett
 223 23-Apr-84 V.Emanuel, J.Rowlett, R.A.Rowlett, J.Tucker, J.Vardaman
 221 25-May-90 V.Emanuel, K.Zimmer, G.W.Lasley, G.Plimpton

UTAH

(2003 Target Total = 196.3)

202 13-May-01 M.A.Stackhouse, D.S.Wheeler, C. Neuman
 200 16-May-99 M.A.Stackhouse, D.S.Wheeler
 187 16-May-98 M.A.Stackhouse, D.S.Wheeler
 184 19-May-96 M.A.Stackhouse, D.S.Wheeler, L.Lockhart
 180 7-May-95 M.A.Stackhouse, D.S.Wheeler, L.Lockhart
 178 18-May-97 M.A.Stackhouse, D.S.Wheeler
 173 10-May-98 M.A.Stackhouse, D.S.Wheeler, A.Godwin
 169 6-May-93 R.Bond, S.P.Hedges, T.Sadler
 166 4-May-90 R.Bond, S.P.Hedges
 165 1-May-98 R.Bond, G.Bond, T.Sadler

VERMONT

(2003 Target Total = 156.0)

159 4-Jun-01 P. Wand, K. Wand
 157 26-May-01 A.Strong, S.Schwenk
 157 26-May-03 D.Strong, M.Hughes, A.Strong, P.Jones
 154 22-May-95 T.Johansson, D.Cooper, A.Farnsworth, W.Hutcheson
 154 22-May-99 A.Strong, D.Strong
 151 20-May-95 S.W.Morrison, J.Appleton, T.Hall, T.Murin
 151 7-Aug-03 P.Ward, K.Ward
 149 20-May-89 W.Ellison, N.L.Martin, D.H.Crook, S.J.Sangdahll
 148 17-May-80 W.Ellison, G.Ellison, F.Oatman, W.Scott
 144 21-May-77 W.Ellison, G.Ellison, F.Oatman, W.Scott

VIRGINIA

(2003 Target Total = 164.0)

167 6-May-86 P.Bedell, W.Ealding, C.Foster, M.Iwanik, D.Peterson
 164 10-May-86 T.Finnell, G.Stubbs
 161 11-May-83 F.Day, P.Cabe, J.Garvin
 158 5-May-03 D.Clark, T.Gwynn, D.Hughes, C.Smith
 152 5-May-74 W.W.Fogleman, R.L.Ake, G.S.Grant
 147 21-Sep-96 E.S.Brinkley, T.M.Gwynn III, D.Schwab
 143 8-May-76 B.W.Keelan, B.A.Lund, L.K.Malone
 140 18-Sept-03 B.Taber, B.Willams, F.Day

138 16-Sept-03 B.Taber, B.Williams, F.Day, T.Amour
 137 14-May-77 B.A.Lund
 130 1-May-77 W.W.Fogleman, R.Anderson, M.Honick, D.Hughes

WASHINGTON

(2003 Target Total = 199.0)

201 15-May-88 D.Hutchinson, D.Reusser, B.Tweit
 198 16-May-86 B.Hayes, F.Hayes, D.Schmidt, D.Wright
 198 16-May-89 D.Hutchinson, B.Tweit, S.Ray
 195 5-May-87 D.Hutchinson, D.Reusser, B.Tweit
 186 6-May-84 D.Paulson, J.Erckmann, J.Van Os
 184 9-May-92 M.Denny, M.L.Denny, J.Nestler, J.Wasmer
 180 13-May-89 J.F.Gatchet, K.Knittle, M.Denny, M.L.Denny
 174 20-May-83 B.Hayes, M.Denny, P.Rasmussen
 174 15-May-89 T.Hass, K.Aanerud, P.Cozens
 169 8-May-81 W.Sumner, K.Knittle

WEST VIRGINIA

(2003 Target Total = 134.0)

140 10-May-02 B.Kemp, T.Kemp
 133 7-May-93 T.R.Kemp, B.Kemp, E.Durbin
 129 8-May-96 J.R.Blomberg, L.Barnhart, J.Beneditti, P.Calise, L.Rollefson
 124 5-May-89 J.R.Blomberg, L.Barnhart, J.Beneditti
 124 5-May-91 W.Argabrite, J.Fletcher, M.Griffith, A.Thorne
 122 8-May-93 W.Argabrite, M.Griffith
 121 2-May-92 W.Argabrite, M.Griffith, A.Thorne, L.Wilson
 118 25-May-86 R.Carter, G.Graves
 118 4-May-88 L.Barnhart, J.R.Blomberg, L.Rollefson
 115 2-Jun-81 W.Scott, D.Kibbe, S.Brown
 115 10-May-82 R.Dean, S.Corwin-Roach

WISCONSIN

(2003 Target Total = 216.0)

230 19-May-02 R.Hoffman, A.Shea
 210 20-May-00 R.Hoffman, A.Shea
 208 17-May-97 R.Hoffman, A.Shea
 206 17-May-99 R.Hoffman, A.Shea
 194 2-Sept-01 R.Hoffman
 193 16-May-98 R.Hoffman, A.Shea
 191 22-May-97 J.L.Baughman, T.Schultz, S.Baughman, D.D.Tessen, C.Wood
 187 26-May-00 R.Hoffman, D.Tessen, M.Peterson
 186 31-Aug-02 R.Hoffman
 185 21-May-90 J.L.Baughman, T.Schultz, W.Schultz, W.Stott

WYOMING

(2003 Target Total = 158.3)

180 25-May-01 S. Dinsmoor, J. Fontaine
 149 17-May-90 B.Hayes, J.Nestler, W.Bruce-Miller
 146 20-May-89 M.Adams, S.Fitton, F.Luke, R.Steenberg, W.Bruce-Miller
 141 21-Jul-86 W.E.Harper, S.Scott, B.Hallett
 135 24-May-86 M.Adams, F.Luke
 128 24-May-86 W.E.Harper, S.Scott
 122 7-Jul-80 W.E.Harper, C.Harper
 111 16-Jul-79 W.E.Harper, C.Harper
 109 30-Jun-78 W.E.Harper
 103 21-Apr-02 D. Faulkner, J.Fontaine

ABA CHAMPION TOP TEN BIG DAYS

CANADIAN PROVINCES AND TERRITORIES

ALBERTA

		(2003 Target Total = 167)
178	31-May-01	T. Plath, P. Pratt, T. Hince
163	24-May-96	B.Elder, B.Maybank, B.Storms
160	29-May-00	B.Carroll, B.Ritchie, T.Thormin
156	27-May-98	B.Carroll, B.Ritchie, P.Marklevitz, T.Thormin
156	28-May-99	B.Carroll, B.Ritchie, P.Marklevitz
155	27-May-95	R.Carroll, .Ritchie, R.Chabayeo
153	24-May-98	B.Elder, B.Storms, C.Scialfa
150	1-Jun-95	B.Elder, M.Harrison, B.Storms
150	15-Jul-96	T.R.Kemp, M.Kemp
150	29-May-99	B.Elder,C.Scialfa

BRITISH COLUMBIA

		(2003 Target Total = 187.7)
196	23-May-95	R.Cannings, B.Maybank, A.Jaramillo, T.Plath
187	23-May-98	T.Plath, K.McPherson, M.Force, D.Tyson
180	12-May-97	T.Plath, M.Bentley
177	21-May-86	R.Cannings, M.Force
174	21-May-95	R.Cannings, B.Maybank, A.Jaramillo, G.Sirk (Okanagan)
168	19-May-96	R.Cannings, Russell Cannings, B.Maybank, F.Cooke, M.Force (Okanagan)
167	22-May-88	R.Cannings, M.Gebauer, X.Lambin, L.Rockwell (Okanagan)
164	26-May-85	R.Cannings, R.Howie, M.Collins (Okanagan)
163	29-Apr-02	T. Plath, J. Osterhold, D. Knopp
163	21-May-00	R.Cannings, A.Bezener, L.Neish, R.Foxall
162	12-May-82	R.Cannings, S.Cannings, D.Kragh (Okanagan)

MANITOBA

		(2003 Target Total = 200.3)
205	23-May-87	R.F.Koes, G.Grieff, R.Tkachuk, G.Holland
198	21-May-88	R.F.Koes, D.Fast, P.Taylor, G.Holland
198	21-May-94	R.F.Koes, D.Fast, G.Grieff, P.Taylor
198	28-May-94	R.F.Koes, G.Grieff, P.Taylor, R.Tkachuk
196	27-May-89	R.F.Koes, D.Fast, G.Grieff, P.Taylor
195	23-May-98	R.F.Koes, D.Fast, G.Grieff, P.Taylor
194	29-May-82	D.Fast, P.Taylor, H.Lane, D.Hatch
193	24-May-80	R.F.Koes, G.Grieff, G.Holland, I.Ward, P.Hamel
193	27-May-99	R.F.Koes, D.Fast, G.Grieff
191	26-May-84	R.F.Koes, G.Grieff, G.Holland, P.Hamel

NEW BRUNSWICK

		(2003 Target Total = 120.0)
136	6-Jun-92	J.Edsall, D.Gibson, D.Miles
124	1-Jun-91	J.Edsall, P.Pearce, D.Gibson
100	26-Aug-89	B.Maybank, B.Dalzell
75	13-Sep-98	T.Woodrow, F.Woodrow (single-island)
20	20-Mar-01	T.Woodrow, F. Woodrow

NEWFOUNDLAND AND LABRADOR

		(2003 Target Total = 92.3)
106	2-Sep-84	B.Maybank, R.Burrows, M.Masse
93	17-Jul-98	C.Stevens II, L.Bateman, J.Briffett, M.Vassallo
78	20-May-84	B.Maybank, R.Burrows
78	13-Oct-85	B.Maybank, B.Mactavish
76	7-Jun-86	B.Maybank
64	29-Aug-87	B.Maybank
38	26-Mar-95	B.Maybank, B.Mactavish
31	26-Apr-97	B.Maybank, B.Mactavish, K.Knowles, J.Wells, P.Linegar
27	28-Feb-87	B.Maybank, B.Mactavish, J.Wells
27	18-Dec-85	B.Maybank, M.Dufresne

NORTHWEST TERRITORIES

		(2003 Target Total = 55.0)
64	18-Jun-98	P.Hamel, M.Hearne
54	18-Jun-95	R.Tymstra, D.Parsons
47	24-Jun-93	R.Tymstra, D.Parsons
41	18-Aug-91	D.M.Forsythe, D.D.Kersting
40	19-Aug-90	D.M.Forsythe, J.Lasley
40	13 Aug 98	E.Burroughs, C.Burroughs
37	18-Aug-88	R.M.Odear, C.Bender, P.Landry

NOVA SCOTIA

(2003 Target Total = 143.0)

145	21-Jun-99	S.Yetman, C.Stevens Jr.
144	10-Jun-98	F.Lavender, C.Stevens Jr, S.Yetman
140	5-Jun-94	B.Maybank, F.Lavender, J.Waldron
137	6-Jun-92	B.Maybank, F.Lavender, J.Taylor, K.McKenna
137	5-Jun-93	B.Maybank, F.Lavender, J.Taylor, K.McKenna, C.Brennan
135	1-Jun-91	B.Maybank, F.Lavender, J.Taylor, B.Sarty
131	26-May-89	B.Maybank, F.Lavender
123	29-May-93	B.Maybank, R.Foxall
121	9-Jun-71	E.L.Mills, D.W.Finch
118	31-May-98	B.Maybank, M.Newell, W.Atwood

NUNAVUT

ONTARIO

		(2003 Target Total = 193.3)
200	29-May-99	T.Hince, P.D.Pratt
194	24-May-94	T.Hince, P.D.Pratt
186	11-May-79	A.Wormington, T.Hince, D.Sunderland, M.Runtz
181	28-May-94	M.Bain, D.Beadle, B.Henshaw (Durham region)
182	18-May-96	M.Bain, R.Tozer, D.Barry (Durham region)
180	17-May-80	A.Wormington, P.D.Pratt, D.McCorquodale
180	22-May-93	R.Tozer, D.Tozer, D.Barry, M.Carney (Durham region)
180	3-Jun-97	T.Hince, P.Pratt
178	20-May-95	M.Bain, D.Barry, M.Carney, P.Holder (Durham region)
173	22-May-77	R.Curry, A.Wormington, B.Wylie

PRINCE EDWARD ISLAND

		(2003 Target Total = 122.0)
128	28-May-94	R.Cooke, D.G.Stewart, B.Maybank
121	29-May-93	R.Cooke, D.McAskill, B.Bowerbank, R.Palmer, L.Thomas, J.Watts
117	31-May-92	R.Cooke, D.McAskill, R.Palmer, S.Stevenson
109	3-Jun-95	R.Cooke, D.G.Stewart, G.MacDonald
108	2-Sep-91	R.Cooke, D.McAskill, B.Bowerbank
104	21-Aug-85	B.Maybank, S.Tingley
100	13-Aug-84	P.Lehman, J.Langham
51	16-Oct-97	B.Maybank
40	29-Nov-95	B.Maybank

QUÉBEC

		(2003 Target Total = 158.0)
166	2-Jun-03	T. Hince, P.Pratt
161	27-May-02	O. Barden, N. Barden
158	28-May-88	G.Gendron, D.Ruest
155	22-May-93	J.Lachance, A.Côté, G.Lemelin
155	3-Jun-94	G.Gendron, D.Ruest
153	28-May-84	G.Gendron, Y.Gauthier, T.Rheinallt
152	31-May-85	G.Gendron, D.Ruest, Y.Gauthier, T.Rheinallt
151	27-May-86	C.Vachon, G.Bouchard, L.Messely
147	1-Jun-95	G.Gendron, D.Ruest
146	26-May-87	C.Vachon, G.Bouchard, L.Messely

SASKATCHEWAN

		(2003 Target Total = 166.7)
174	21-May-88	R.Kreba, B.Ewart, T.Herriot, C.Pollock
165	23-May-87	R.Kreba, B.Ewart, T.Herriot, L.Bjorklund
161	5-Aug-99	P.A.Stutesman
160	1-Jun-86	C.Escott, H.Lane
141	26-May-95	T.Herriot, B.Maybank
78	4-Sep-90	B.Korol, G.Wapple
70	21-Jul-96	T.R.Kemp

YUKON TERRITORIES

		(2003 Target Total = 73.3)
82	23-Jun-92	T.Greenfield
71	25-Jun-99	P.Hamel, M.Hearne
67	22-Aug-92	R.Cannings
59	10-Aug-94	R.H.Johnson, S.Johnson
50	7-Jul-91	B.Maybank
40	26-May-92	R.H.Johnson, S.Johnson, L.Johnson
33	14-Aug-98	E.Burroughs, C.Burroughs
38	14-Jun-02	D.C.Chaffin
29	12-May-97	D.C.Chaffin

ABA CHAMPION TOP TEN BIG DAYS

COUNTRIES/REGIONS

COUNTRY/ REGION	#	DATE	PARTICIPANTS	COUNTRY/ REGION	#	DATE	PARTICIPANTS
Antarctica	24	4-Dec-95	N.Brinkley, S.Tingley		109	27-Jul-93	B.F.Master, S.Master, M.Levy, A.Hill
	17	19-Dec-87	D.Paulson	Egypt	69	19-Apr-64	H.C.Kyllingstad
	17	29-Jan-98	G.Lasley		66	31-Dec-89	S.M.Lister, M.C.Hall
Antigua	43	24-Jul-95	S.M.Lister, M.C.Hall	England	147	11-May-96	D.W.Taylor, D.H.Tomlinson, M.Sutherland, B.Davison
Argentina	149	8-Nov-03	R.Batchelder, A.Earnshaw		145	7-May-89	D.W.Taylor, D.H.Tomlinson, B.Bland, A.Henderson
	142	20-Jan-93	A.Jaramillo		144	8-May-94	D.W.Taylor, B.Bland, A.Henderson, I.Hodgson
	52	5-Feb-03	C.Campbell		115	11-May-96	J.Cantello, D.Wrathell, S.Wrathell, D.Allen (bicycle/foot)
Australia	249	13-Oct-96	A.P.Anderson, J.Grant, E.Sticklen, G.Holmes		84	5-May-95	P.Larkin (Big Sit)
	202	12-Dec-82	H.Beste, R.Dunkerton		77	10-May-99	D.Taylor, D.Wilson, B.Boleans (Big Sit)
	182	17-Jul-81	H.Beste, R.Dunkerton		75	17-May-00	D.Taylor, R.Thompson, D.Wilson (Big Sit)
Austria	108	6-May-90	W.Firbas, U.Firbas	Estonia	109	7-Jun-94	B.F.Master, D.Master
Bahamas	76	17-Jan-02	S.L.Doud, M.Duffey	Ethiopia	189	10-Sep-01	P. Kaestner, M. Gebremichael
Bahamas	74	12-Oct-99	B.Hallett, T.White, A.Bainton, W.Bracey		174	19-Aug-01	P. Kaestner, M. Gebremichael
	71	10-Jan-00	S.L.Doud, J.E.Sweeten (Andros)	France	181	7-May-94	J-P.Siblet, L.Spanneut, B.Bougeard
Barbuda	47	8-Dec-99	J.Marshall, M.Marshall		153	15-May-93	J-P.Siblet, L.Spanneut, B.Bougeard, J-P.Delapré
Belize	202	30-Apr-99	L.Jones, S.Tillett, M.England		145	20-May-99	D.W.Taylor, D.H.Tomlinson, B.Bland, I.Hodgson
	177	19-Mar-00	A.Guarente, G.Crawford, J.Ginaven, K.Loughlin, N.Pulcinella, D.Washabaugh	Galapagos	47	14-Aug-84	F.Hayes, W.Baker, G.Bennett, T.Rochester
	133	26-Feb-00	J.Marshall	Gambia	127	31-Mar-91	S.M.Lister, M.C.Hall, Y.Jaiteh
Bermuda	72	16-Oct-99	M.Allaire, A.Dobson, L.Walker	Germany	122	1-Jul-82	N.Brinkley
Bolivia	160	21-Dec-76	V.Remsen	Grand Cayman Islands	74	27-Oct-02	N.Norman, T.Baxter, B.Harlett
Botswana	107	1-Nov-81	B.A.Allen, J.Wilson	Greece (Rhodos)	61	19-Apr-03	G.Oliosio
Brazil	167	21-Nov-91	D.Stotz, W.Silva	Grenada	36	18-Jul-95	S.M.Lister, M.C.Hall
	142	7-Nov-03	B.F.Master, P.Bono		30	21-Apr-96	B.F.Master, S.Master, M.Flieg, H.Davidson, D.Albright, K.Garwood
	135	25-Feb-00	B.F.Master, P.Bono	Guadeloupe	29	30-Apr-96	B.F.Master, S.Master, M.Flieg, H.Davidson, D.Albright,
Brunei	124	10-Nov-96	P.Kaestner	Guyana	150	6-Jan-99	R.Ryan, K.Garwood, B.Davidson
Bulgaria	49	5-Aug-92	S.M.Lister, M.C.Hall, D.Gosney	Guatemala	225	7-Apr-02	P.Kaestner, J.Berry
	97	13-May-97	H.Turner, D.Georgiev, R.Walton, J.Schmidt, F.Brazier		208	1-Apr-01	P. Kaestner, W. Plomp
Cayman Islands	46	24-Jun-00	C.H.Gambill	Honduras	192	18-Nov-01	P. Kaestner, J. Barry
	41	7-Mar-99	M.McHugh, L.Hart. (Grand Cayman Is.)	Hungary	149	6-Jan-01	P. Kaestner
	34	10-Nov-96	T.Fitzpatrick	Iceland	144	13-May-01	G. Magavar, A. Schmidt, E. Sos
Cameroon	121	12-Sep-94	P.D.Burtch, R.Quantril, B.Quantril	India	49	27-Jul-95	N.Brinkley, B.Cary, J.Nussman, J.&M.Cressman.
	135	11-Oct-97	P.Kaestner		166	14-Nov-81	P.Kaestner, H.Kaestner
Chile	83	5-Nov-02	B.Master, S.Howell		161	21-Dec-94	B.F.Master, P.Holt, B.Behrstock, J.Bangma
	75	2-Nov-99	A.Jaramillo, T.Witt, D.Donsker	Indonesia	146	22-Feb-84	B.King, J.Vardaman
	62	10-May-90	B.Swift, A.Hade, M.Rodriguez	Ireland	105	7-Jun-79	C.Escott
Colombia	144	3-Feb-84	S.Hilty, J.Vardaman		122	29-Apr-89	C.Murphy, C.Brewster, D.Knight, S.Foster
Comoros Islands	20	13-Feb-99	P.Kaestner		120	8-May-91	C.Murphy, S.McKee, R.Chambers, C.Mellon
Costa Rica	308	2-Apr-00	D.Rogers, J.Vandergaast, J.Fossani	Italy	64	23-Aug-95	W.Firbas, E.Mader
	306	8-Apr-99	D.Rogers, J.Zook, J.Vandergaast	Ivory Coast	25	27-Nov-78	P.Kaestner
	292	18-Apr-98	D.Rogers, J.Zook	Jamaica	109	23-Mar-93	P.P.Marra, J.I.Lovette
	162	8-Oct-63	R.Ryan, N.Boyajian (on foot)		76	10-Mar-92	M.Lysinger, J.Arnett
Croatia	78	16-Apr-01	S. Lister, M. Hall		74	10-Mar-91	P.D.Hunt, P.Marra
Cuba	112	6-Apr-00	P.Kaestner	Japan	148	10-Aug-64	C.R.Johnson, A.Sasaki
	87	5-Apr-00	P.Kaestner; H.Kaestner				
	42	23-Dec-98	B.Maybank, J.Waldron	Kenya	290	25-Feb-84	D.Turner, T.Stevenson, D.Richards
Cyprus	103	21-Apr-95	S.M.Lister, M.C.Hall		264	2-Dec-79	J.Gerhart, D.Turner
	84	20-Apr-87	S.M.Lister		248	19-Nov-78	J.Gerhart, J.Miskell, S.Wallace
Djibouti	95	2-Sep-01	P. Kaestner				
	85	1-Sep-01	P. Kaestner				
Dominica	39	17-Jan-98	J.Meyer				
	32	28-Apr-96	B.F.Master, S.Master, M.Flieg, H.Davidson, D.Albright, K.Garwood				
Dominican Republic	66	10-Apr-95	B.F.Master, S.Master, A.Hill, A.Small, T.Eastman,				
Ecuador	181	13-Nov-96	P.Coopmans, B.J.Rose, S.Rose, Donald Traver, Donna Traver				

COUNTRY/ REGION	#	DATE	PARTICIPANTS	COUNTRY/ REGION	#	DATE	PARTICIPANTS
Madagascar	58	21-Dec-93	B.F.Master, B.Finch		32	3-Sep-99	K.Lefriede, K.Selima
Malaysia	94	3-Mar-03	B.Master, J.Dunn, D.Young	Senegal	105	31-Jan-93	B.Maybank, S.Finnegan
	73	16-Aug-99	S.Rajathurai (Big Sit)	Singapore	129	30-Jan-99	S.Rajathurai, M.Landenburger
Mali	76	27-Dec-03	M.Cri.lckmore		128	1-Jan-99	S.Rajathurai, W.L.Keng
	63	10-Aug-90	T.Cable, R.Marshall		125	23-Oct-99	S.Rajathurai, B.McCartney, R.McCartney
Marianas Islands	23	15-Sep-82	P.Kaestner		59	2-Apr-99	S.Rajathurai, S.Subaraj (Big Sit)
Marshall Islands	16	18-Feb-77	D.Anderson	Solomon Islands	40	16-Jun-02	B.Master
	14	20-Apr-76	D.Anderson	South Africa	247	7-Nov-87	D.Cyrus, N.Robson, H.Chitenden, P.Outhwaite (Natal)
	13	1-Apr-76	D.Anderson		232	11-Sep-85	D.Cyrus, G.Nichols, N.Robson (Natal)
Martinique	30	25-Apr-96	B.F.Master, S.Master, M.Flieg, H.Davidson, D.Albright,		230	8-Nov-86	D.Cyrus, N.Robson, H.Chitenden, P.Outhwaite (Natal)
Mexico	229	18-Oct-02	J.Montejo, R.Straub, A.McAndrews	South Korea	42	3-Oct-81	H.H.Puppe, Y.Moo-boo
	201	23-Dec-01	K. Kaufman, R. Taylor, C. Green, K.Garwood		34	4-Oct-81	H.H.Puppe, Y.Moo-boo
	191	16-Nov-89	R.Taylor, C.Green	Spain	95	18-Jun-89	J.Parmeter, J.Strauss, E.Strauss
Morocco	108	1-Jan-94	S.M.Lister, M.C.Hall, D.Gosney		74	21-Jun-85	D.Mark, B.Feltner
	99	30-Dec-93	S.M.Lister, M.C.Hall, D.Gosney	Sri Lanka	85	10-Jul-97	S.M.Lister, M.C.Hall
Namibia	217	26-Nov-94	C.Hines, D.Farr, M.Paxton, P.Lane	Sudan	54	2-Apr-92	R.Holbrook, J.Lewis
Nepal	158	26-Feb-84	B.King, J.Vardaman, K.Ram	Suriname	173	2-Jan-84	R.Ridgely, J.Vardaman
Netherlands	190	10-May-03	R.Haas, W.Leurs, L.Heemshelk, J.van der Laan	Switzerland	75	28-May-87	B.Swift, L.Maumary
	176	15-May-96	J.van der Laan, R.de Haas, L.Heemskerck, W.Leurs	Tanzania	146	28-Sep-98	P.Kaestner
	163	15-May-89	B.Pieterse, J.W.de Roever, W.E.M.van der Schot	Thailand	180	2-Mar-84	B.King, P.Round, J.Vardaman
	161	19-May-91	M.Berlign, T.Kompier, T.Luijendijk, A.Meijer	Trinidad	177	23-Sep-01	M. Kenefick, F. Hayes, B. Hayes
Nicaragua	56	12-Mar-98	M.E.Petrucha, G.R.Urquhart		167	7-Sep-00	F.Hayes, M.Kenefick, B.Sanasie
	53	3-Feb-01	P. Kaestner, J. Carlos, M. Sanchez		151	25-May-77	J.Funk, R.Randall, D.Heller, L.Calderon
Nigeria	76	11-Mar-02	K.Burton	Tobago	113	8-Oct-01	N.George,F.Ahyes,M.Kenefick
	63	10-Mar-02	K.Burton		100	16-Oct-00	F.Hayes, M.Kenefick, B.Sanasie, B.Hayes
	61	5-Sep-87	P.Kaestner	Turkey	86	26-Dec-93	B.Maybank, T.Yip-Hoi, J.Taylor, J.Waldron, K&M Allsebrook
N. Ireland	133	8-May-93	C.Murphy, S.McKee, C.Mellon, D.Hunter	Uganda	260	16-Nov-70	M.Fogden
	122	29-Apr-89	C.Murphy, C.Brewster, D.Knight, S.Foster		61	13-Aug-86	N.Brinkely, D.Scotts
Oman	117	2-Nov-97	D.Sargeant, M.Sargeant	Uruguay	33	23-Nov-03	R.Batchelder
Panama	300	22-Mar-97	W.D.Robinson, D.Christian	U.S. Virgin Islands	64	13-Oct-02	F.Hayes,B.Hayes
	255	25-Jan-84	R.Ridgely, J.Vardaman		30	15-Nov-97	T.Fitzpatrick
P.New Guinea	215	7-May-83	P.Kaestner, B.Finch	Vanuatu	33	15-Jun-85	P.Kaestner
	208	13-Mar-83	P.Kaestner, B.Finch	Venezuela	192	30-Oct-85	C.Parrish, B.Swift
Paraguay	180	21-Oct-89	F.Hayes, P.Scharf, J.E.Argana		160	30-Aug-86	B.Swift, I.Branger, E.Cartaya
	162	20-Oct-89	F.Hayes, P.Scharf, J.E.Argana	Vietnam	85	16-Sep-65	C.R.Johnson, R.DeWitt, D.Long
	148	9-Dec-88	F.Hayes, D.Snider, T.E.Perrin	Zambia	288	6-Dec-75	R.Dowsett, D.Aspinwall, T.Osborne
Peru	331	5-Sep-82	T.Parker, S.Robinson		273	2-Nov-74	R.J.Dewsett, D.R.Aspinwall, W.F.Bruce-Miller,T.O.Osborne
	278	16-Oct-81	T.Parker, J.Vardaman		273	30-Nov-75	R.J.Dowsett, T.O.Osborne
Portugal	113	14-Oct-96	M.Bolton, C.Beale, M.Roberts, G.Rawcliffe	Zaire	135	20-Jul-78	P.Kaestner
	108	24-Feb-96	G.Elias, C.C.Moore	Zimbabwe	196	30-Jan-88	S.L.James, B.Wright, L.Schwab
	104	2-Aug-96	G.Elias, J.Braga				
Poland	108	25-Jun-01	S. Gaulin, B. Hince				
Puerto Rico	94	23-Apr-74	H.Snyder, S.Den, P.Lehman				
	74	22-Jan-96	P.D.Hunt, S.Burson, B.Steele, L.Gates				
Rwanda	41	6-Aug-86	N.Brinkely, D.Scotts				
St. Kitts	33	24-Jul-99	S.M.Lister, M.C.Hall				
St. Lucia	43	24-Apr-96	B.F.Master, S.Master, L.John, M.Flieg, H.Davidson,				
	36	12-Jan-98	J.Meyer, 'D.Albright, K.Garwood				
	31	16-Apr-95	B.F.Master, S.Master, A.Hill, A.Small, B.J.Rose, S.Rose				
St. Vincent	39	22-Apr-96	B.F.Master, S.Master, M.Flieg, H.Davidson, D.Albright,				
Sao Tome & Principe	44	26-Sep-97	P.Kaestner, J.Gerhart, K.Garwood, B.Davidson				
Saudi Arabia	112	6-Sep-01	G. Bletsch				
	106	7-Apr-83	J.& T.Heindel, C.& W.Peterson				
	103	7-Sep-00	G.Bletsch, P.Webb, A.Webb				
Sechelles	33	22-Nov-98	B.F.Master, S.Master, A.Skerritt				

PROVINCIAL & STATE RECORD BIG DAYS BY MONTH

AREA	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ABA	176	175	213	258	229	191	182	199	177	178	178	174
CAN	127	109	105	140	205	191	182	167	154	121	117	121
48	176	175	213	258	229	189	174	199	177	178	178	174
PROVS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AB	27				178	150	150	80	88	80	56	41
BC	127	109	105	163	196	162	176	120	136	121	117	121
MB		41			205	191	182	167	154	91	61	33
NB			20	55	68	136		100	75			
NL	22	27	37	31	78	76	93	64	106	78		27
NT						64		41				
NS	39	80	72	72	131	145	93	106	101	85	62	70
NU												
ON	81	64	86	34	200	180	165	135	100	110	91	52
PI			35		128	109		104	108	51		
PQ			13	75	161	166	42	51	78			
SK					174	160	70	161				
YT					40	82	50	67				
STATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AL	128	129	132	202	157	112	114	95	151	131	140	84
AK	39	40	54	63	110	125	61	42	42		60	48
AZ	<u>110</u>	113	134	191	178	136	131	199	158	147	114	123
AR				140	168		76	118			70	
CA	176	175	178	231	208	178	170	170	177	178	178	166
CO	98	100	100		204	128	139	176	151	120	105	90
CT	103			140	186	145		132	131		102	
DE	89	87	102	159	199	105	102	110	130	102	102	100
DC		68	81	101	134						60	57
FL	142	155	159	179	165	141	141	129	140	158	155	153
GA	142	146	139	190	174	147	132	147	157	154	141	145
HI	27	18		43	43			44	58	81	22	
ID	75	93	102	125	156	176	132	105	104	75	81	80
IL	103	97	118	164	184	136	128	123	141	127	105	100
IN	73	77	86	125	188	139	119	107	125	121	81	72

STATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IA	36	64	81	121	204	114	103	109	112	91	73	55
KS	102	101	122	164	225	139	146	155	136	144	103	103
KY	100	31	111	101	176	134	126		81	117		37
LA	119	125	141	209	144	143	131	110	118	126	112	95
ME	57			68	178	123	91	65	81	85	74	61
MD	135		136	108	206	177	174		115		120	
MA	77	91	101	101	162	151	128	98	102	108	94	90
MI	74	91	102	121	203	189	149	141	152	124	97	81
MN	63				204	151	75	148	136		46	
MS			140	175	171	125		74			102	
MO				152	208	125			82	74	102	
MT	71	76		91	147	192	174	128	75		58	
NE	83	79	98	129	175	133			135	115	97	86
NV				124	162	133	127	75	74		99	
NH	70	71	77	117	170	151	141	108	116	109	92	71
NJ	109	76	113	146	229	164	148	136	144	128	125	118
NM	116	79	84	113	200	111	138	177	170	105	93	100
NY	80	64	94	126	202	158	131	128	118	118	87	69
NC	71	71	70	167	184	93	106	110	80	97	113	84
ND				106	167	126	122	118				
OH	58	78	96	125	205	147	134	130	119	114	88	77
OK	85	95	104	177	180	78	76	105	129	117	92	75
OR				143	216	143	103	116	151			
PA		62	64	58	178	119	100	93	91	53	67	35
RI	92	87	88	105	159	123	113	85	88	106	98	90
SC	121	110	141	179	177	148	129	131	134	137	128	126
SD	42	41	82	89	175	107	154	102	108	91	69	49
TN	100	107	111	151	174	115	116	120	117	117	102	100
TX	139	158	213	258	203	165	163	165	161	165	166	174
UT		84	89	117	202	148	147	128	92			
VT	53	55		119	157	159	139	151	132	107		74
VA	77	86	80	88	167	106	91	95	147	101	96	110
WA	105	104	121	143	201	157	119	120	121	113	100	102
WV	54	40	53		140	115	68	46	64	44	51	52
WI	76	94	112	172	230	147	125	186	194	158	137	93
WY	46	47	49	103	180	109	141		81	63	70	

2003 LIST REPORT

MAJOR REGION LISTS

ABA AREA — 932

1	865	Smith, Macklin (MI)	69	759	Meyers, Martin (CA)	138	733	Thurston, David (FL)
2	850	Koundakjian, Theodore (CA)	69	759	Davis, Phil (MD)	138	733	Jordan, Chris (TX)
3	847	Komito, Sandy (NJ)	69	759	Bouton, William (CA)	138	733	Prince, Thomas F. (MA)
4	846	Koundakjian, Christine (CA)	69	759	Johnson, Lee G. (IL)	138	733	Janowski, John (DE)
5	841	Sykes, Paul (GA)	69	759	Master, Bernard (OH)	142	732	Hutman, Gary (MI)
6	839	Rydell, William (CA)	74	758	Cunningham, Richard (FL)	142	732	Kirsten, Edward (AZ)
7	833	Peavler, Larry (IN)	75	757	Turner, Henry (NY)	142	732	Heath, Stanley (UT)
8	828	Narins, David (FL)	76	756	Campbell, Colin (DE)	142	732	Tischner, Kenneth (NJ)
9	819	Barrett, Bruce (CA)	76	756	Miller, Greg (OH)	146	731	Cooper, Byrum (FL)
10	814	Banstorp, Ebbe (CA)	78	755	Patterson, Easy (Australia)	146	731	TROTT, ANTHONY (FL)
11	812	Funston, Bob (OK)	78	755	Walton, Robert (IN)	146	731	Whelton, Bart (WA)
12	810	Greaves, Edward (CA)	80	754	Rostron, Philip (TX)	146	731	Osborne, Bill (OH)
12	810	Baicich, Paul (MD)	80	754	Biggs, Wes (FL)	150	730	Kolesar, Charles E. (WA)
14	809	Shrader, John (OH)	82	753	Kent, Thomas H. (IA)	150	730	Hocevar, Charles (SC)
15	808	Roberts, Craig (OR)	82	753	Camburn, Keith (NC)	150	730	Cooper, Linda (FL)
15	808	Gambill, Mary "Louise" (TX)	82	753	Toochin, Michael (BC)	150	730	Vannoy, Donald (KS)
15	808	Gambill, Charles "Red" (TX)	82	753	Blakeslee, William (GA)	150	730	Lindley, William (ON)
15	808	Shrader, Karen (OH)	86	752	Strasser, Voni (PA)	150	730	Bradley, Robert (CO)
19	806	Robinson, Ted (FL)	86	752	Strasser, Joseph (PA)	156	729	Linfield, Roger (CO)
20	804	Dodelson, Robert (NJ)	86	752	Sifford, J. W. (TX)	157	728	Coatsworth, James (CA)
20	804	Canterbury, Dan (FL)	86	752	Fowler, Jim (MI)	157	728	Jornvall, Hans (Sweden)
20	804	Dunn, Jon (CA)	86	752	Brockner, Winston William (CO)	159	727	Kahle, Anne (CA)
23	802	Kuecherer, Dennis (ID)	86	752	Wells, LaRue (MI)	159	727	Prytherch, Kenneth (NJ)
24	800	McCullough, Louise (CA)	92	751	Pinlelli, Thomas (TX)	159	727	McHaney, Jimmy (LA)
25	799	Parker, Max (AR)	92	751	Moore, Stephen (MA)	162	726	Wulkowicz, Stanley (CA)
25	799	Parker, Helen (AR)	92	751	Borowik, Edward (NJ)	162	726	Feinberg, Harold S. (NJ)
27	798	Lehman, Paul (NJ)	92	751	Ambrose, Robert (AZ)	162	726	Hays, Jim (AZ)
28	796	Chaffin, David (TN)	96	750	Bosse, Walter (RI)	162	726	Barnes, Sally (AZ)
28	796	Steurer, Timothy (CA)	97	749	Landry, Peter (QC)	166	725	Eastman, Roger (MD)
30	793	Peterson, Ted (WA)	97	749	Smith, Edwin (MI)	166	725	Clark, Joan (NY)
31	790	Wenzelburger, George (NJ)	99	748	Mulligan, Mike (AB)	166	725	Clark, Joan A. (NY)
32	789	Wachtler, Gloria (MN)	100	747	Schwitters, Michael (MT)	166	725	Einspahr, Howard (NJ)
32	789	Stecher, Karl (CO)	100	747	Myers, Dollyann (TN)	166	725	Hanyak, John J. (NY)
34	788	Wachtler, Richard (MN)	102	745	Fuller, Jim (IA)	171	724	Hamilton, John L. (CA)
34	788	Cudney, Mark D. (CA)	102	745	Heilman, Nita (TN)	171	724	Kemper, John (OR)
36	786	Johnson, Bud (AZ)	102	745	Heilman, Annie (TN)	171	724	Frank, Phyllis (TX)
37	785	O'Brien, Paul (MD)	102	745	Trochlell, David (ID)	171	724	Frank, Tony (TX)
37	785	Ribble, Barbara (TX)	106	744	Ohmart, Robert (TX)	175	723	McDavit, Mary (NC)
39	784	Danzenbaker, John D. (NJ)	106	744	Hagen, Ed (CT)	175	723	Tessen, Daryl (WI)
39	784	Ribble, John (TX)	106	744	Hemink, Lynn (CA)	175	723	Paul, Leonard (MI)
41	783	Finch, Ronald (DE)	106	744	Henderson, John (TN)	175	723	Grenfell, Bill (CA)
42	782	Schlegel, Tom (Switzerland)	106	744	Gordon, Richard J. (AK)	175	723	Vanderpol, Hank (BC)
43	780	Theis, Jerry (AZ)	111	743	Carlson, Helen (MT)	175	723	Eliot, Ted (CA)
44	778	Kornfeld, Steve (OR)	112	742	Hirth, Martha (AZ)	181	722	Timm, Richard (PA)
45	777	Morse, Bob (WA)	112	742	Widner, Russell (AZ)	181	722	Smith, Shirley (MI)
46	775	Steurer, Grace L. (CA)	112	742	Lanzillotti, Patricia (FL)	181	722	Lyon, Charles (LA)
47	774	Gorman, William (NY)	112	742	Chalfant, Donald (MI)	184	721	Stone, Robert (TX)
47	774	Ward, Ken (VT)	112	742	Dowling, Helen (FL)	184	721	Zerbi, Victor (CO)
47	774	Rose, B.J. (MO)	112	742	Dowling, William (FL)	184	721	Malmid, Stuart (NJ)
50	772	Smith, Stuart (GA)	117	741	Foxall, Roger (BC)	184	721	Kritchevsky, Evelyn (PA)
50	772	Berrigan, Paul (MI)	118	740	Kersting, Cecil (LA)	184	721	Lebo, Harold (PA)
50	772	Moore, Donald (FL)	119	739	Haw, James (IN)	184	721	Waldrop, Rick (TN)
53	771	Burden, Kenneth (WA)	120	738	White, Tony (MD)	184	721	Morris, Bernard (PA)
54	770	Stitzinger, Gary (ID)	120	738	Wyatt, Betty P. (CA)	184	721	Lewis, John (CA)
54	770	Belyea, Glenn (MI)	120	738	Jacobson, Daniel (TN)	192	720	Bush, Mary (TX)
56	769	Bretz, Greg (FL)	124	737	Matherly, Steven (TX)	192	720	Hodsdon, Dennis K. (AZ)
56	769	Broadbooks, N. Bruce (CA)	124	737	Silverman, David (CO)	192	720	Seegert, Greg (IL)
58	768	Burns, Jim (AZ)	124	737	Flower, Richard (AZ)	192	720	Davis, Barbara (MD)
59	767	Hollinga, Ken (VA)	124	737	Bailey, Stephen F. (CA)	192	720	White, Ann (ON)
60	766	Haynie, Carl (WA)	128	736	Garner, Tom (PA)	192	720	Kutska, Michael R. (IL)
60	766	Overton, Michael D. (IA)	128	736	Traver, Donna (NY)	192	720	Gardner, Byron (AZ)
62	765	Metson, Jr., W. Graham (CA)	128	736	Traver, Donald (NY)	199	719	Chapell, Tom (MI)
63	764	McGregor, Ian (WA)	128	736	Kittleman, Jane B. (TX)	199	719	Armstrong, Richard (TX)
64	763	Hirth, John (AZ)	128	736	Sanders, Dan (OH)	199	719	Klauber, David (NY)
65	762	Jones, Marlin (ID)	133	735	Gifford, Charles (VT)	199	719	Barnes, Gordon (AZ)
65	762	Hamilton, Michael (NY)	133	735	Weintz, Todd (FL)	199	719	Stephenson, Jeff (MN)
67	761	Fritz, John (NY)	133	735	Lehman, Jay G. (OH)	204	718	Yoder, Lee (NC)
68	760	Drummond, William C. (MA)	133	735	Currie, Rigdon (CA)	204	718	McBride, Karen (AZ)
			137	734	Lucchesi, Caryl (CT)	204	718	Drummond, John (VA)

204 718	Gay, Parker (UT)	282 705	Munthe, Jens (UT)	360 690	Gross, Stephen (FL)
204 718	Ostrander, Robert (SC)	282 705	Johnson, Jerome (CA)	360 690	Duxbury-Fox, Dana (MA)
209 717	Calhoon, Kevin (TN)	282 705	Kyler, David (PA)	360 690	Koonce, Alexander "Sandy" (CA)
209 717	Fox, Robert (MA)	282 705	Wall, Ralph J. (VA)	360 690	Belyea, Maryanne (MI)
209 717	Armstrong, Nanette (TX)	282 705	Wittman, William (NM)	365 689	Lasley, Greg (TX)
209 717	Rogers, Michael M. (CA)	282 705	Brookner, Richard (AZ)	365 689	Simonson, Gary (MN)
209 717	Huffman, Ronald (TX)	282 705	Beatty, James (CO)	365 689	Traylor, Donald (NJ)
209 717	Merritt, Bradford A. L. (NJ)	291 704	Van Slyck, Ellis J. (MI)	368 688	DeReamus, Dave (PA)
209 717	Haaseth, Ron (MA)	291 704	Hallenbeck, David (DE)	368 688	Laframboise, Bill (WA)
209 717	Peake, Richard (TX)	291 704	Eikenberry, James (MN)	368 688	Laframboise, Nancy (WA)
209 717	Charlton, Steve (QC)	291 704	Broderick, Donald H. (MD)	368 688	Meyer, Pat (AL)
218 716	Colyer, Richard (PA)	291 704	Halloran, Mark (NH)	368 688	Butcher, Greg (MD)
218 716	Richmond, Jean (CA)	291 704	Butts, Judy (OR)	373 686	Leahy, Tim (WI)
218 716	Mack, Bruce (SC)	291 704	Bumgardner, Michael (CA)	373 686	Hyett, Marvin (NJ)
218 716	Mark, David (NY)	291 704	Stilwell, Elton (TX)	373 686	Derven, Peter (CO)
222 715	O'Connor, Robert (MN)	291 704	Carter, Derb (NC)	373 686	Hinds, James W. (ME)
222 715	Malmid, Wendy (NJ)	291 704	Ryan, Richard (NJ)	373 686	Zimmer, James (CA)
224 714	Vandermeer, Virginia L. (CA)	301 703	Touret, Diane (AZ)	373 686	Tkachuk, Russ (BC)
224 714	Bridges, Dan (CO)	301 703	Del Grande, Bill (PA)	373 686	Alberico, Cindy (IL)
224 714	Irvin, Richard (ID)	301 703	Ellenberg, Richard (NM)	373 686	Witzeman, Janet (AZ)
224 714	Holmes, James (LA)	301 703	McMahon, Jeri (OK)	381 685	Powers, Edwin (IN)
228 713	Tarachow, Michael (TX)	301 703	Elliott, Barbara (CA)	381 685	Wile, Michael (WA)
228 713	Jordan, Curtis (TX)	301 703	Campbell, Drew (NY)	381 685	Hood, Larry (IL)
228 713	Forsythe, Dennis M. (SC)	301 703	Reid, Jr., Robert R. (AL)	384 684	Gerdt, George (WA)
228 713	Hansen, Bev (FL)	308 702	Johnson, Sharon E. (MI)	384 684	Hartman, Bob (MD)
228 713	Hansen, Al (FL)	308 702	Pozzo, Eric (OR)	384 684	Jacobson, Kathy (TN)
228 713	Stevenson, Mark (AZ)	308 702	Wade, M. K. Edge (MO)	387 683	Scyphers, Greg (NV)
228 713	Gilchrist, Peter (ON)	308 702	Stewart, Barbara (VA)	387 683	Delorey, Alan (NH)
235 712	Kaplan, Daniel (NC)	308 702	Carlson, W. Bradley (NY)	387 683	Hartman, Toni (MD)
235 712	Woodley, Robert (WA)	308 702	Modesitt, Larry (CO)	387 683	Bruce, Lucienne (TX)
235 712	Halsey, Laurens (AZ)	308 702	Woolbright, Shane (OK)	391 682	Moore, Robert (TX)
235 712	Zaremba, Stefan (BC)	308 702	Reid, Elberta G. (AL)	391 682	Bell, James Tyler (MD)
239 711	Dostale, Merce (TX)	316 701	Wilt, Richard (AZ)	391 682	Carter, Robin (SC)
239 711	Brenner, David (IL)	316 701	Chapell, Dee (MI)	391 682	Murgatroyd, Paul (VA)
239 711	Salveti, John (PA)	316 701	Wilburn, Phyllis (CA)	395 681	Delorey, Barbara (NH)
239 711	Chandik, Ted (CA)	316 701	Wiedefeld, Sue (TX)	395 681	Schmitt, Sara (FL)
239 711	Trott, Julie (FL)	316 701	Woolfenden, James (AZ)	395 681	Turnage, Marilyn (TX)
239 711	LeGrand, Harry (NC)	316 701	Kitchens, Valerie (VA)	398 680	Downs, Jack (PA)
239 711	Rogers, Tommie (MO)	316 701	Werner, Karl (IN)	398 680	Currie, Hugh (ON)
239 711	Weidner, Edward (WI)	323 700	Deifik, David (NH)	398 680	Cobb, Bayard (CO)
239 711	Cobb, John (CO)	323 700	MacKenzie, Jo Ann (BC)	398 680	Graf, Leonard (MI)
248 710	Bates, Bob (AZ)	323 700	TerLouw, Joe (WA)	402 679	Litterst, Chuck (MD)
248 710	Toneff, Ann (OH)	326 699	Parmeter, Benjamin (CA)	402 679	Wright, Harriett (AL)
248 710	Toneff, Bill (OH)	326 699	Machover, Robert (NJ)	402 679	Murray, Tom (MA)
248 710	Freeland, David (FL)	326 699	Nelson, David W. (CA)	402 679	Eastman, Caroline (SC)
248 710	Sandsberry, Marian (AZ)	329 698	Desjardins, Paul (CT)	406 678	Kostenko, Jane (MD)
248 710	Weigant, Leo (MD)	329 698	Cosner, Kin (TN)	406 678	Kamp, Martha B. (OK)
248 710	Clark, Roger (FL)	331 697	Murphy, William (PA)	406 678	LeVine, John (CA)
248 710	Richards, Allan (MA)	331 697	Oldenettel, Jerry (NM)	409 677	Marvin, Paul (FL)
248 710	Bergstrom, Bradley J. (GA)	331 697	Brandt, Jean (CA)	409 677	Brown, Bedford (LA)
248 710	Sanders, Jeffrey (IL)	331 697	Cressman, Marian (NV)	409 677	Center, Jonathan (MA)
248 710	Russell, Ken (AK)	331 697	Groce, Betty (CA)	409 677	Toffice, Greg (WA)
248 710	u Coullon, Bridgt A. (ME)	331 697	Buck, Hugh (Cyprus)	413 676	Downs, Elydia (PA)
260 709	Pratt, Frederick (VT)	337 696	Brooks, Jane (FL)	413 676	Witzeman, Robert (AZ)
260 709	Humbert, Richard (PA)	337 696	Anderson, Leif (AR)	415 675	Ziarno, Gerald (MI)
260 709	Bradford, David (TX)	339 695	Nye, Elaine (CT)	415 675	Granlund, Jim (MI)
263 708	Willoughby, Hugh (RI)	339 695	Bieda, Robert (MA)	415 675	Gatchet, John Francis (OR)
263 708	Spruance, Preston (CA)	339 695	MacKenzie, Hue (BC)	415 675	Anderson, Kathleen S. (MA)
263 708	Reber, Barbara (CA)	342 694	Tolles, Robert (MN)	415 675	Maxwell, Curtis R. "Bob" (SC)
263 708	Faike, Elise (ID)	342 694	Cressman, James (NV)	415 675	LeVine, Irma (CA)
267 707	Mellor, Norman H. (CA)	342 694	San Miguel, Mike (CA)	421 674	Ellman, Neil (NJ)
267 707	Odgers, John (TX)	345 693	Knight, Rick (TN)	421 674	Resch, Michael (MA)
267 707	Simon, Joel (TX)	345 693	Feighner, Michael (CA)	421 674	Argabrite, Wendell (WV)
267 707	Steurer, Fritz (CA)	345 693	Eidel, Jim (NV)	421 674	Engsberg, Richard (NJ)
267 707	Cole, Mary Lou (TX)	348 692	VanDyke, Beverly J. (MO)	425 673	Bumgardner, Frank D. (TX)
267 707	Brown, James (MT)	348 692	Hayes, J. B. (CO)	425 673	Vande Voorde, Carole (WA)
267 707	Tow, Harry (CA)	348 692	Zeilemaker, Fred (ID)	425 673	Gochfeld, Michael (NJ)
274 706	Sayre, Phillip (CA)	348 692	McDaniel, John (MI)	425 673	Neville, Bruce (NM)
274 706	Palmer, Richard (AZ)	348 692	Wyatt, Caroline (FL)	425 673	Coleman, Caroline Hill (CO)
274 706	Munthe, Kathleen (UT)	348 692	Guse, Kevin (CA)	425 673	Sidler, M. Christine (RI)
274 706	Berger, Byron (OH)	354 691	McMahon, Nancy (CA)	431 672	Hart, Bill (CA)
274 706	Miles, Clifford (NJ)	354 691	Bailey, Tom (NJ)	431 672	Hagen, Sherry (WA)
274 706	Burton, Kenneth (CA)	354 691	Wihler, Mike (OR)	431 672	Shone, Ruth (NY)
274 706	Corder, Mark (KS)	354 691	Rufe, Bob (DE)	431 672	Maxwell, Barbara L. (SC)
274 706	Faike, David (ID)	354 691	Traylor, Donna (NJ)	435 671	Emmons, Steven (CA)
282 705	Revare, Jack L. (KS)	354 691	Powell, Peggy (FL)	435 671	Ekblad, Bob (MN)
282 705	Broderick, Carol (MD)	360 690	Windfelder, Frank (PA)	435 671	Hagen, Arden (WA)

435 671	Carpenter, Mike (MD)	513 656	Pierce, Barrett (TX)	591 641	Beretta, Marshall (OR)
435 671	Hodne, Garrett (TX)	513 656	Easley, Kevin (FL)	591 641	Smithson, Bruce (NC)
435 671	Howell, Charles (TX)	513 656	Canterbury, Beverly (NE)	591 641	Brucker, Maurice (IL)
435 671	Hewitt, Mary (NM)	513 656	Duerksen, Russell (AZ)	591 641	Peebles, Gary (CA)
435 671	Struthers, Kit (ID)	513 656	Osenton, Peter (MD)	591 641	Rosenmeier, Terry (NH)
435 671	Mueller, Allan (AR)	520 655	Filemyr, Albert (PA)	597 640	Trost, Charles (ID)
444 670	Suhecki, Julie (ME)	520 655	Holbrook, Robert (MD)	597 640	Mahler, Glenn (NJ)
444 670	Sarno, Winnie M. (OH)	520 655	Demaree, Salome (AZ)	597 640	Berlin, Kenneth (MD)
444 670	Pittell, Robert (FL)	520 655	Lukens, Karl (NJ)	597 640	Hamilton, Nita (CT)
444 670	Overman, Karl (MI)	524 654	Weiss, Jr., William J. (NJ)	601 639	Percival, Brandon (CO)
444 670	Cairo, Warren (NY)	524 654	Gallaher, James (MA)	601 639	Bever, Emily (FL)
449 669	Collins, John (NY)	524 654	Borden, Walter (GA)	601 639	Chanot, George (CA)
449 669	Schaff, Frank (MD)	527 653	Snider, Patricia (NM)	601 639	Roberts, Tom (MA)
449 669	Worthington, Pete (SC)	527 653	Brandow, Robert H. (ME)	601 639	Separd, Kathleen (CA)
449 669	Sigsbee, James (FL)	527 653	Marcum, James (MA)	601 639	Mirick, Stephen (NH)
449 669	Shelmerdine, Tim (OR)	527 653	Miller, Alan (AZ)	601 639	Woodard, Jimmy (OK)
454 668	Carter, Kris (ID)	527 653	Barr, James (CA)	601 639	Kaestner, Peter (Brazil)
454 668	Cairo, Mary Ann (NY)	527 653	Tull, Eric (AB)	609 638	Mahler, Eileen (NJ)
454 668	ODonnell, Jim (TX)	527 653	Knittle, Ken (WA)	609 638	Kricher, John (MA)
457 667	Swanson, Phil (NE)	527 653	McSweeney, Paul (OH)	609 638	Rose, Joshua (NC)
457 667	Febba, Sam (MI)	527 653	White, Stuart (VA)	612 637	Matthiessen, Matthew (CA)
457 667	MacClendon, Travis (FL)	527 653	Dart, Shannon (VA)	612 637	Washington, David (MI)
457 667	Fredricks, Gary (WA)	527 653	Sherrell, Paul (OR)	612 637	Donahue, Michael (WA)
457 667	LaBar, Bruce (WA)	538 652	Miller, Ann (AZ)	612 637	Herold, James H. (WY)
457 667	Fitch, John (CA)	538 652	Baldinger, Barbara (MI)	612 637	Kluge, Karen (NH)
457 667	Hazelwood, Susan (MO)	538 652	Powers, Ward (FL)	617 636	Snipes, Donald R. (VA)
464 666	Saunders, Norman (MD)	541 651	Dexter, Coen (CO)	617 636	Stone, Byron (TX)
464 666	Simon, Vicki (TX)	541 651	Kanareff, Sharon (PA)	617 636	Alwood, Cornelius (MO)
464 666	Bremser, Jr., William J. "Bill" (FL)	541 651	Toochin, Sharon (BC)	617 636	Laborde, Kenneth (FL)
464 666	Howell, Patricia (TX)	541 651	Iwanik, Mike (VA)	617 636	Almdale, Charles (CA)
464 666	Forster, Daniel (FL)	541 651	Payne, Gordon (ON)	622 635	Brown, Robert (CO)
469 665	Bono, Peter (CT)	546 650	Wright, Brenda (CO)	622 635	Waltman, David (CO)
469 665	Horn, David (OH)	546 650	Sosensky, Steve (CA)	622 635	Crawford, Steven (KS)
469 665	Withgott, Jay (OR)	546 650	Finch, Warren (CO)	622 635	McConnell, Paul (NM)
472 664	Parmeter, John (NM)	546 650	Tufts, Gordon W. (NS)	626 634	Slattery, Ed (MA)
472 664	Saunders, Frances (MD)	546 650	Anderson, Karen (VA)	626 634	Cassady, John (IN)
472 664	Stirling, David (BC)	546 650	Long, MD, Robert E. (NY)	626 634	Malone, Larry (NM)
472 664	Jickling, Bob (CO)	546 650	Prosser, David (NY)	629 633	Pasterczyk, Cathy (DC)
472 664	Stebbins, Sally (MI)	553 649	Bertrand, Bill (IL)	629 633	Keller, Paul (CA)
477 663	Cole, Kenneth (DC)	553 649	Green, Clive (AZ)	629 633	Gebhardt, Lois (VA)
477 663	Hopkins, Edward (IN)	553 649	Macaulay, Linda (CT)	629 633	Schwalbe, Dr. Paul W. (WI)
479 662	Behrens, Judith (TX)	553 649	Macaulay, Bill (CT)	629 633	Johnson, Lillian (CA)
479 662	Cox, Joe (TX)	553 649	Rohrbacher, Frank (DE)	634 632	Nistico, Pat (MD)
479 662	Eaton, Nancy (CT)	553 649	Haldeman, Mike (PA)	634 632	Brown, Lea Ann (CO)
479 662	Gardner, Frank (MA)	553 649	Emkalns, Douglas (NM)	634 632	Siegel, Steven (FL)
479 662	Parsons, Robert (MB)	560 648	Miller, Albert Dale (ID)	634 632	Williamson, Geoffrey A. (IL)
479 662	Weber, Wayne (BC)	560 648	Ladenberger, Nancy (WA)	634 632	Brogie, Mark A. (NE)
479 662	Miller, Ann (AL)	560 648	Powers, Cynthia (IN)	639 631	McKee, John (IL)
479 662	Hirth, Greg (MA)	560 648	Thayer, Peter (FL)	639 631	Nikas, Mark (OR)
487 661	Pomerantz, David (CA)	560 648	Overton, Dixie (IA)	639 631	Weidner, Marjorie (WI)
487 661	Houser, Roy (AZ)	565 647	Larsen, Reynold (RI)	642 630	Cleary, David (NM)
487 661	Bedient, Phillip E. (MA)	565 647	Easley, Charles (TX)	642 630	White, K. Clark (VA)
487 661	Newsome, Judy (TN)	565 647	Vernon, Bettye (TX)	642 630	Bowman, Martin (NY)
491 660	Cargill, Dwight (VT)	565 647	Platt, Gavin (ON)	642 630	Wilson, Jeff (TN)
491 660	Lane, Dennis (IL)	565 647	O'Neill, Patty (MA)	646 629	St. Jean, Janice (RI)
491 660	Witt, Terry (TN)	565 647	Goodwin, David (FL)	646 629	Ackley, Myimm (CO)
494 659	Hughes, William (AZ)	571 646	Padelford, Barbara (NE)	648 628	Ports, George (NH)
494 659	Mulhollan, Paige (SC)	571 646	Chapin, Gary (NY)	648 628	Hopper, Rachel (CO)
494 659	Mulhollan, Mary Bess (SC)	571 646	Andres, Brad (VA)	648 628	Cook, William (NY)
494 659	Leduc, George (VA)	571 646	Babbitt, Charles (AZ)	648 628	Horgan, Gillian (NY)
498 658	Brooks, Don (MI)	571 646	Jones, Daniel (TX)	648 628	Chu, Philip (MN)
498 658	Beaton, R. Gifford (SC)	576 645	Titus, Carolyn (NV)	653 627	Homan, Dick (MD)
498 658	Platt, Ian (ON)	576 645	Padelford, Loren (NE)	653 627	Balestri, Marcia (MD)
501 657	Grenfell, Gregory P. (CA)	576 645	Galizio, Mark (NC)	653 627	Wipf, Nila T. (TX)
501 657	Davis, Ricky (NC)	576 645	Dorman, Jean (NY)	653 627	Tyndall, Russ (NC)
501 657	Roark, David (CA)	576 645	Brookner, Jean (AZ)	653 627	Freeman, Reid (AZ)
501 657	Metzler, Robert (TX)	581 644	Smith, David (OR)	653 627	Beyer, Kathy (UT)
501 657	Weinberger, Gerry (VA)	582 643	Williamson, Christine (IL)	653 627	Beyer, Joel (UT)
501 657	Putman, Robert (FL)	582 643	Fass, Steven (WI)	653 627	McDonald, Joan (AB)
501 657	Canterbury, George (NE)	584 642	Rondon, Fernando E. (VA)	661 626	Woolfenden, Donald (NJ)
501 657	Pereksta, David (CA)	584 642	Elliott, Bruce (CA)	661 626	Miller, Richard "Rick" (ON)
501 657	Cady, Wilson (WA)	584 642	Robb, Roger (OR)	661 626	Finley, Joelle (LA)
501 657	Rapoza, Brian (FL)	584 642	Armstrong, Howard (WA)	661 626	Slater, Andrew (AB)
501 657	Sanders, Ira (CO)	584 642	Pippen, Jeffrey (NC)	661 626	Hart-Rose, Betty Jean (MO)
501 657	Lowder, Kenneth (IA)	584 642	Neily, Larry (ON)	666 625	Slattery, Amy (MA)
513 656	Chartier, Allen (MI)	584 642	Bartlett, H. Thomas (OH)	667 624	Richard, Carroll (SC)
513 656	Tobkin, Dorothy (CA)	591 641	Nistico, Paul (MD)	667 624	Guarente, Al (PA)

667	624	Halloran, Joyce (NH)	744	602	Nichols, Kenny (AR)	822	579	Teague, Glenn (WA)
667	624	Maulding, Sylvia (OR)	744	602	Nichols, Ladonna (AR)	822	579	Brigham, Rick (MI)
667	624	Lee, Thurston (TN)	748	601	Osland, Gregory (IN)	825	578	Newfield, Nancy L. (LA)
672	623	Hunter, John (CA)	748	601	Wells, John (CT)	825	578	Smith, Jerry (WI)
672	623	Easley, Steven (ND)	748	601	Friedman, Darlene (MI)	825	578	Thomas, Kevin (MI)
672	623	Pittman, Galen (KS)	751	600	Brink, Gerard (AZ)	828	577	Jerome, Florence (ON)
672	623	Eaton, Margery (FL)	751	600	Bower, Jean (NJ)	828	577	Plooster, Myron (CO)
676	622	Martin, Ron (ND)	751	600	Bower, James (NJ)	828	577	Pruess, Neva (NE)
676	622	Wathen, Wayne (CO)	751	600	Donsker, David (NH)	828	577	Davis, Martha (IN)
676	622	Stilwell, Lynne (TX)	751	600	Komar, Nicholas (CO)	828	577	Vennema, Peter (NM)
676	622	Rosso, Paul (CA)	751	600	Patterson, Dee (AL)	828	577	Viola, Alfred (MA)
676	622	Sturges, Brian (ID)	751	600	Brogie, Ellen L. (NE)	834	576	Knight, Shannon (MS)
676	622	Rickard, Richard (OH)	751	600	Messersmith, Donald (MD)	834	576	Barden, Olivier (QC)
682	621	Patten, Harvey L. (LA)	758	599	Paluzzi, Joseph A. (MA)	834	576	Viola, Joy (MA)
682	621	Meyer, Wayne (TX)	758	599	Pashley, David (VA)	837	575	Burroughs, Carol (VA)
682	621	Clarke, James A. (TX)	758	599	Casey, Daniel (MT)	837	575	Laubach, Christyna (MA)
682	621	Ickes, Roy (PA)	762	598	Bradburn, Curtis (IN)	837	575	Smith, Karen (WI)
682	621	Clibbon, Brooke (AB)	762	598	Mills, Charles (IN)	840	574	Hayes, Michael (TX)
682	621	Brooks, James (TN)	762	598	Herlyn, Hendrik (OR)	840	574	Lane, Robert (OH)
688	620	Frechette, Richard (NH)	765	597	Jensen, Charles L. (NM)	840	574	Kirkwood, Dennis (MD)
688	620	Bain, Margaret (ON)	765	597	Rodriguez, Tom (FL)	840	574	Wathen, Laura (CO)
688	620	Seibert, Patricia (OK)	767	596	Brink, Betty (AZ)	840	574	Williamson, Jacqueline (NY)
688	620	Hatcher, Elizabeth (AZ)	767	596	Breault, Kevin (TN)	840	574	Trump, Rusty (GA)
688	620	Thompson, Joe (CA)	769	595	Comeau, Clifford (MD)	840	574	Toppins, Terry (MT)
688	620	Porter, David (AK)	769	595	Engleman, Lorna (TX)	847	573	Harris, Stephen (NC)
688	620	Coleman, Daniel (TX)	769	595	Dewire, Robert (CT)	847	573	Schilk, Richard (CA)
695	619	McKee, Cynthia (IL)	769	595	Howe, Gene (NC)	849	572	Williamson, John (MD)
695	619	Woodrow, Mr. Terrie (ON)	769	595	Devigne, Philippe (CA)	849	572	Weber, Magill (WI)
695	619	Bontly, Marilyn (WI)	774	594	Woolfenden, Doris (NJ)	849	572	Lane, Denise (OH)
695	619	Hardister, John (NC)	774	594	Hoff, Ron (TN)	849	572	Fekel, Francis (TN)
695	619	Peterson, Stacy (ID)	774	594	Schiefer, Terence (MS)	853	571	Chenoweth, Marscha J. (IL)
700	618	Laubach, Rene (MA)	777	593	Carlson, Roy (CA)	853	571	Heyerly, Dan (OR)
700	618	Schwalbe, Glenna (WI)	777	593	Hargrove, Jim (TX)	853	571	Watson-Whitmyre, Marcia (DE)
700	618	Detwiler, Henry (AZ)	779	592	Keferl, Eugene (GA)	856	570	Moskoff, William (IL)
703	616	Reeves, Thomas (PA)	780	591	Edwards, Martin H. (ON)	856	570	Swift, Byron (DC)
703	616	Ross, Carolyn (FL)	780	591	Mencotti, Mike (MI)	858	569	Daniels, David (IN)
705	614	Proescholdt, Beth (IA)	780	591	Arthurs, Bob (MI)	858	569	Boesman, Peter (Belgium)
705	614	Lawrence, James (WY)	783	590	Dillon, Mike (TX)	858	569	Beall, Dennis (CA)
707	613	Spalding, Oakes (MA)	783	590	Van Epps, Rob (NC)	861	568	Olesen, Janice (MI)
707	613	Stensaas, Sparky (MN)	783	590	McNeely, Lee (KY)	861	568	Hargrove, Linda (TX)
707	613	Bauer, Paul (MO)	783	590	Peterson, Laura (ID)	861	568	Toppins, Carole (MT)
710	612	Phelps, James (TX)	787	589	Menart, Tony (FL)	861	568	Harding, Douglas (ON)
710	612	Korol, Burke (ON)	787	589	Patton, Helen (MD)	861	568	Autin, Decie (TX)
712	611	Commeau, Guy (CA)	787	589	Deem, Mary Lease (NJ)	866	567	Holmquist, Howard (DE)
712	611	Gruneberg, Daniel (UK)	787	589	Persson, June (CA)	867	566	Block, Andrew (NY)
712	611	Knaus, Ron (CA)	787	589	Plooster, Suzi (CO)	867	566	Rife, JoAnne (AR)
712	611	Allinson, David (BC)	787	589	Redden, Jo (TX)	867	566	Siebert, Randy (CO)
712	611	Hamilton, David (CA)	793	588	Ford, Susan (TN)	867	566	Zenaitis, Guy (QC)
712	611	Hamilton, Denise (CA)	793	588	Moyle, John (NY)	871	565	Oliphant, Mitchell (OK)
712	611	McWilliams, Gerald (PA)	793	588	Crins, Bill (ON)	872	564	Felker, Linda (MN)
712	611	Gardella, Larry (AL)	796	587	Bumgardner, Jeanette J. (TX)	872	564	Reeve, Leonard (OH)
720	610	Ashby, Vaughan (UK)	796	587	McCall, Claire (MA)	872	564	James, John (WA)
720	610	Kousky, June (MA)	796	587	Bathke, Joyce (MO)	875	563	Hall, Jeffrey (NJ)
720	610	Kousky, Vernon (MA)	796	587	Hintermister, John (FL)	875	563	Thorpe, Kenneth W. (QC)
720	610	Getgood, John (VA)	800	586	Fegarido, Carol (TN)	877	562	Palmer, Jeffrey S. (SD)
720	610	Salzman, Eric (NY)	800	586	Fellers, Paul (FL)	878	560	Gates, Bryan R. (BC)
720	610	Lawrence, Gloria (WY)	802	585	Mowat, George (MT)	879	558	O'Brien, Darrin (MI)
726	609	Leip, WD (MO)	802	585	Watson, Carol (MI)	879	558	Cooney, Nick (TX)
726	609	Attridge, Barry (ON)	804	584	Barnes, Satch "Wain" (MD)	881	557	Parker, Jim (CA)
728	608	Proescholdt, Mark (IA)	804	584	Paul, Jr., Frank (ME)	881	557	Ferguson, Carol C. (TX)
728	608	Kelly, Rich (NY)	804	584	Finch, Debra (MA)	883	555	Hobbs, Brian (ON)
728	608	Epler, John (FL)	807	583	Levy, Sue (TX)	884	554	Newman, Steve (UK)
728	608	West, Steve (NM)	807	583	Kopitzke, Jim (AZ)	884	554	Falk, Lloyd (DE)
728	608	Yandell, Ben (KY)	807	583	Parks, Johnny T. (GA)	884	554	Salvadori, Antonio (ON)
733	607	Ward, Jr., James M. (NC)	810	582	Rolle, Kevin (HI)	884	554	Jones, Greg (FL)
733	607	Engleman, Dodge (TX)	811	581	David, Karl (WI)	888	553	Allaire, Kenneth (NY)
735	606	Lesser, James (MI)	811	581	Grief, Gordon (MB)	888	553	Boyd, Roger L. (KS)
735	606	Faulkner, Doug (CO)	811	581	Sinderson, Sam (PA)	888	553	Sundberg, Jeff (IL)
735	606	Goverts, Irene G. J. (DE)	811	581	Hardy, Clayton (ME)	888	553	Weeks, Ann (MD)
735	606	Pettey, Diane (OR)	811	581	Hornstein, Joel (CA)	892	552	Brasser, Margaret (WI)
739	605	Weber, Dave (CA)	811	581	Esralsen, Lloyd (BC)	892	552	Begg, Barbara (BC)
740	604	Riding, Keith (BC)	817	580	Loftin, Horace (NC)	892	552	Janzen, Pete (KS)
740	604	Pepper, Todd (ON)	817	580	Knight, Gene (MS)	895	551	Meyer, Joyce (WA)
740	604	Bristow, Paul (ON)	817	580	Evanson, Randall (FL)	895	551	Shaum, Scott (MI)
743	603	Crabtree, Charles (TX)	817	580	Penhallurick, John (Australia)	895	551	Churchill, John (MD)
744	602	Bowers, Suzanne (CA)	817	580	u Anderson, Bjorn (China)	895	551	Rycenga, Jennifer (CA)
744	602	Forsythe, Donna W. (SC)	822	579	Burroughs, Ed (VA)	899	550	Force, Michael (BC)

899 550 Craves, Julie (MI)
 899 550 Miller, Kathy (OH)
 899 550 Norheim, Connie (ND)
899 550 Wagner, Gary (CA)
 899 550 Langhoff, Dan (CA)
 899 550 Gerrish, Randolph (PA)
 906 548 Brasser, David (WI)
907 547 Gearheart, Matthew (KS)
 907 547 Shultz, Steve (NC)
907 547 u White, David (NM)
 910 546 Sims, Richard (TX)
 910 546 Scott, Marcy (NM)
912 545 Debellvue, Robert (LA)
 913 544 Miller, Richard (OH)
913 544 Ealding, Wendy (VA)
913 544 Mitchell, Dominic (UK)
 913 544 Pike, Ralph (KS)
913 544 Williams, Dave (KS)
913 544 Meyst, Lois B. (OH)
919 543 Hallenbeck, Alex (DE)
 919 543 Scott, Derek (Ireland)
919 543 Brozek, Celestyn (NM)
 919 543 Groeneweg, Kevin (KS)
919 543 Prothro, Brenda S. (TX)
 924 542 Martin, Dennis (MN)
 924 542 Rang, Rodger (IN)
 924 542 Pettingell, Noel (TX)
 924 542 Dufourny, Hugues (Belgium)
924 542 Meyst, Peter M. (OH)
 929 541 Frank, James (WI)
 929 541 Shaw, Jan (TN)
931 539 Woodward, Robert (NH)
 931 539 Zabriskie, James (NM)
 931 539 Liller, John (MA)
934 538 Fritzhand, James (CA)
 934 538 Armstrong, Thais (WA)
934 538 Broderick, William D. (NY)
 937 537 Bruce, E. Edward (DC)
937 537 Harvey, Michael (NH)
937 537 Cyger, Ron (CA)
940 535 Wienholt, Michael (CA)
941 534 Samac, Deborah (MN)
 941 534 Knutson, John (ME)
 941 534 Knutson, Margaret (ME)
 944 533 Eddy, Greg (WV)
944 533 Ferrier, Ilay (QC)
946 532 Gross, Steven (TX)
946 532 Godwin, Alan (KS)
946 532 Menten, Bob (TX)
946 532 McDonald, Bob (NS)
946 532 McGee, Karen (AR)
951 531 Doughty, Chris (Australia)
 951 531 O'Bannon, Douglas (CA)
 953 530 Dailey, Lew (ND)
953 530 Vermeulen, Jan (Netherlands)
953 530 Nicely, Polly (IN)
 956 529 Putnam, Caleb (MI)
956 529 Pandolfino, Ed (CA)
 958 528 Henderson, Diane (NY)
 958 528 Martin, Barbara (MN)
958 528 David, Reginald (HI)
961 527 Rayer, Stefan (FL)
 962 526 Hanna, Jr., James (GA)
 962 526 Glydon, Jamie (NJ)
 962 526 Allen, Pamela (IA)
 962 526 Allen, Reid (IA)
962 526 Talkington, Clark (ND)
962 526 u Sonnenberg, Richard (CA)
968 525 Davis, France (TX)
 969 524 Silva, Heriberto (TX)
969 524 Raney, Jr., Paul (GA)
 969 524 u Conley, Pamela (CA)
972 523 Copeland, David (OR)
 972 523 McMullen, Keith A. (IL)
974 522 Smith, David (TX)
 974 522 Gerrish, Sarah (PA)
976 521 Snow, Bob (FL)

977 520 Heyerly, Anne (OR)
 978 519 Kihn, Thomas (TX)
 979 518 Rader, Mike (KS)
980 517 Fisher, Bob (IL)
981 515 Schall, Thomas E. (TX)
 982 514 Murphy, Tim (Australia)
983 513 Raymond, Peg (NY)
983 513 Carlton, Bob (FL)
 983 513 Hamilton, Lavonne B. (CA)
986 512 Barriger, Lou Anne (IN)
 986 512 Roseby, Ian (NS)
 988 511 Elser, Lisa (Switzerland)
989 510 Lenat, David (NC)
 990 509 Silva, Linda (TX)
990 509 Berry, Patrick (MD)
990 509 Berry, Verna (MD)
 990 509 Davis, Robert (ID)
994 508 Jones, Debbie (FL)
 995 507 Capobianco, Peter (RI)
996 506 Leonatti, Jean (MO)
 996 506 Simonson, Don (MD)
998 504 Caldwell, Craig (OH)
998 504 Sefton, Mike (MI)
1000 503 Manly, Curtis (AB)
1000 503 Manly, Michelle (AB)
 1002 501 Taffe, William (NH)
 1002 501 Willison, Michael (WA)
1004 500 Bowman, Bruce (MI)
1004 500 Lotz, Bill (GA)

CANADA — 638

1 513 Foxall, Roger (BC)
 2 512 MacKenzie, Hue (BC)
 3 511 MacKenzie, Jo Ann (BC)
 4 510 Gray, Alex (ON)
5 483 Stirling, David (BC)
 6 481 Toochn, Michael (BC)
 6 481 Tull, Eric (AB)
 8 479 Force, Michael (BC)
9 476 Mark, David (NY)
10 467 Gilchrist, Peter (ON)
 11 465 Currie, Hugh (ON)
12 462 Campbell, Drew (NY)
 13 459 Weber, Wayne (BC)
 14 457 Tkachuk, Russ (BC)
15 452 Jones, Paul (ON)
 15 452 Mitchell, Peter (QC)
 17 450 Lindley, William (ON)
 18 447 Clibbon, Brooke (AB)
 19 446 Tufts, Gordon W. (NS)
 20 444 Korol, Burke (ON)
 20 444 Toochn, Sharon (BC)
 20 444 Zaremba, Stefan (BC)
 23 442 Bain, Margaret (ON)
 23 442 Platt, Ian (ON)
25 441 Crins, Bill (ON)
 26 439 Neily, Larry (ON)
 27 438 Allinson, David (BC)
28 436 Vanderpol, Hank (BC)
28 436 Woodrow, Mr. Terrie (ON)
 28 436 White, Ann (ON)
31 435 McDonald, Joan (AB)
 32 431 Slater, Andrew (AB)
 33 430 Begg, Barbara (BC)
 34 428 Platt, Gavin (ON)
 35 427 Roseby, Ian (NS)
36 421 Riding, Keith (BC)
 37 419 Grief, Gordon (MB)
37 419 Ward, Ken (VT)
 39 417 Cowan, Larry (BC)
 40 416 Esralson, Lloyd (BC)
41 415 McDonald, Bob (NS)
41 415 Zenaitis, Guy (QC)
 43 411 Gates, Bryan R. (BC)
44 409 Edwards, Martin H. (ON)
 44 409 Patterson, Easy (Australia)
 46 406 Parsons, Robert (MB)

47 401 Overman, Karl (MI)
 48 398 Chartier, Allen (MI)
48 398 Walton, Robert (IN)
 48 398 Thorpe, Kenneth W. (QC)
51 397 Burden, Kenneth (WA)
51 397 Landry, Peter (QC)
51 397 Kersting, Cecil (LA)
 51 397 Payne, Gordon (ON)
55 393 Bartlett, H. Thomas (OH)
56 392 Miller, Richard "Rick" (ON)
57 390 Lucchesi, Caryl (CT)
57 390 Dunn, Jon (CA)
 59 389 Salvadori, Antonio (ON)
60 386 Barden, Olivier (QC)
 60 386 Grief, Paula (MB)
 62 382 Fowler, Jim (MI)
 63 381 Grief, Susan (MB)
 64 380 Cargill, Dwight (VT)
 65 377 Barrett, Bruce (CA)
66 376 Baldinger, Barbara (MI)
 67 373 Murphy, Tim (Australia)
67 373 White, Tony (MD)
 69 372 Hobbs, Brian (ON)
 70 366 Attridge, Barry (ON)
71 365 Sanders, Jeffrey (IL)
72 364 Jerome, Florence (ON)
72 364 Peavler, Larry (IN)
72 364 Ferrier, Ilay (QC)
 75 363 Vooyo, John (BC)
76 360 Febba, Sam (MI)
76 360 Brucker, Maurice (IL)
78 357 Haynie, Carl (WA)
79 354 Pepper, Todd (ON)
80 351 Smith, Edwin (MI)

LOWER FORTY-EIGHT — 867

1 795 Komito, Sandy (NJ)
 2 788 Barrett, Bruce (CA)
 3 786 Koundakjian, Theodore (CA)
 4 781 Koundakjian, Christine (CA)
5 780 Smith, Macklin (MI)
6 764 Sykes, Paul (GA)
7 761 Funston, Bob (OK)
7 761 Dunn, Jon (CA)
9 760 Rydell, William (CA)
10 756 Peavler, Larry (IN)
 10 756 Gambill, Mary "Louise" (TX)
 10 756 Gambill, Charles "Red" (TX)
13 754 Greaves, Edward (CA)
14 750 Biggs, Wes (FL)
 15 745 McCullough, Louise (CA)
15 745 Gorman, William (NY)
17 744 O'Brien, Paul (MD)
18 743 Ward, Ken (VT)
 19 740 Danzenbaker, John D. (NJ)
20 737 Drummond, William C. (MA)
21 736 Peterson, Ted (WA)
22 735 Narins, David (FL)
 23 733 Parker, Max (AR)
 24 732 Schlegel, Tom (Switzerland)
 24 732 Rostron, Philip (TX)
26 731 Metson, Jr., W. Graham (CA)
 27 730 Broadbooks, N. Bruce (CA)
28 726 Steurer, Timothy (CA)
 29 725 Cudney, Mark D. (CA)
29 725 Chaffin, David (TN)
29 725 Steurer, Grace L. (CA)
 32 724 Cunningham, Richard (FL)
 33 723 Kornfeld, Steve (OR)
 33 723 Stecher, Karl (CO)
35 719 Moore, Stephen (MA)
35 719 Coatsworth, James (CA)
35 719 Rose, B.J. (MO)
38 716 Fox, Robert (MA)
39 715 Ribble, Barbara (TX)
40 714 Baicich, Paul (MD)
40 714 Ribble, John (TX)

42	713	Weintz, Todd (FL)	116	686	Johnson, Jerome (CA)	196	666	Waldrop, Rick (TN)
42	713	Bouton, William (CA)	120	684	Strasser, Voni (PA)	196	666	Trott, Julie (FL)
44	712	Halsey, Laurens (AZ)	120	684	Strasser, Joseph (PA)	196	666	Sandsberry, Marian (AZ)
45	711	Meyers, Martin (CA)	120	684	Malmid, Wendy (NJ)	196	666	TerLouw, Joe (WA)
45	711	Bailey, Stephen F. (CA)	120	684	Kersting, Cecil (LA)	196	666	Hanyak, John J. (NY)
45	711	Brockner, Winston William (CO)	120	684	Johnson, Lee G. (IL)	196	666	Cole, Mary Lou (TX)
48	710	Colyer, Richard (PA)	120	684	Guse, Kevin (CA)	196	666	Toffic, Greg (WA)
49	709	Hollinga, Ken (VA)	120	684	Chalfant, Donald (MI)	203	665	Wilt, Richard (AZ)
49	709	Weigant, Leo (MD)	127	683	DeReamus, Dave (PA)	203	665	Bono, Peter (CT)
49	709	Belyea, Glenn (MI)	127	683	Butcher, Greg (MD)	203	665	LaBar, Bruce (WA)
52	707	Haynie, Carl (WA)	129	682	Vannoy, Donald (KS)	203	665	Wihler, Mike (OR)
52	707	Wyatt, Betty P. (CA)	129	682	Bumgardner, Michael (CA)	203	665	Berger, Byron (OH)
54	705	Walton, Robert (IN)	129	682	Whelton, Bart (WA)	203	665	Kitchens, Valerie (VA)
54	705	Tischner, Kenneth (NJ)	129	682	Kutka, Michael R. (IL)	203	665	Wall, Ralph J. (VA)
56	704	Fritz, John (NY)	133	681	McDavitt, Mary (NC)	203	665	LeVine, Irma (CA)
57	703	Sifford, J. W. (TX)	133	681	Willoughby, Hugh (RI)	211	664	Hodne, Garrett (TX)
57	703	Sanders, Jeffrey (IL)	133	681	Timm, Richard (CA)	211	664	Murgatroyd, Paul (VA)
59	702	Master, Bernard (OH)	133	681	Silverman, David (CO)	211	663	Ogders, John (TX)
60	701	Kuecherer, Dennis (ID)	133	681	Clark, Roger (FL)	213	663	Horn, David (OH)
60	701	Burden, Kenneth (WA)	133	681	Hamilton, Michael (NY)	215	662	Parmeter, John (NM)
60	701	Hocevar, Charles (SC)	139	679	Feighner, Michael (CA)	215	662	Freeland, David (FL)
60	701	Bosse, Walter (RI)	140	678	Broderick, Carol (MD)	217	661	Swanson, Phil (NE)
64	700	Wachtler, Gloria (MN)	140	678	Peake, Richard (TX)	217	661	Cox, Joe (TX)
64	700	Wachtler, Richard (MN)	142	677	Broderick, Donald H. (MD)	217	661	Fitch, John (CA)
64	700	Feinberg, Harold S. (NJ)	142	677	Armstrong, Richard (TX)	217	661	MacKenzie, Jo Ann (BC)
64	700	Ryan, Richard (NJ)	142	677	White, Tony (MD)	217	661	Gardner, Frank (MA)
64	700	Overton, Michael D. (IA)	145	676	Lasley, Greg (TX)	217	661	Hopkins, Edward (IN)
69	699	Thurston, David (FL)	145	676	Kahle, Anne (CA)	217	661	Laframboise, Bill (WA)
69	699	Deifik, David (NH)	145	676	Myers, Dollyann (TN)	217	661	Laframboise, Nancy (WA)
69	699	Hays, Jim (AZ)	145	676	Zimmer, James (CA)	225	660	McHaney, Jimmy (LA)
69	699	Blakeslee, William (GA)	145	676	Merritt, Bradford A. L. (NJ)	225	660	Miles, Clifford (NJ)
73	698	Mulligan, Mike (AB)	150	675	Patterson, Easy (Australia)	225	660	Groce, Betty (CA)
73	698	Machover, Robert (NJ)	150	675	Traver, Donna (NY)	225	660	Mueller, Allan (AR)
73	698	Sanders, Dan (OH)	150	675	Traver, Donald (NY)	229	658	Schwitters, Michael (MT)
73	698	Nelson, David W. (CA)	150	675	Frank, Phyllis (TX)	229	658	Salvetti, John (PA)
77	697	Stilwell, Elton (TX)	150	675	Frank, Tony (TX)	229	658	Munthe, Kathleen (UT)
77	697	Jacobson, Daniel (TN)	150	675	Armstrong, Nanette (TX)	229	658	Mack, Bruce (SC)
79	696	Woolbright, Shane (OK)	150	675	Bieda, Robert (MA)	233	657	Fredricks, Gary (WA)
79	696	Hirth, John (AZ)	150	675	Einspahr, Howard (NJ)	233	657	Shapiro, Peter (NY)
81	695	Lucchesi, Caryl (CT)	158	674	Derven, Peter (CO)	233	657	Munthe, Jens (UT)
81	695	Garner, Tom (PA)	158	674	Ellenberg, Richard (NM)	233	657	Wile, Michael (WA)
81	695	Prince, Thomas F. (MA)	158	674	Irvin, Richard (ID)	233	657	Mark, David (NY)
81	695	Henderson, John (TN)	158	674	Belyea, Maryanne (MI)	233	657	Cady, Wilson (WA)
85	694	Lewis, John (CA)	162	673	Hamilton, John L. (CA)	233	657	Sanders, Ira (CO)
86	693	Matherly, Steven (TX)	162	673	Marvin, Paul (FL)	233	657	Sidler, M. Christine (RI)
86	693	Smith, Edwin (MI)	162	673	Woodley, Robert (WA)	233	657	Lowder, Kenneth (IA)
88	692	Pratt, Frederick (VT)	162	673	Gerdt, George (WA)	242	656	Ellman, Neil (NJ)
88	692	Hagen, Ed (CT)	166	672	Gifford, Charles (VT)	242	656	Spruance, Preston (CA)
88	692	Haaseth, Ron (MA)	166	672	Pozzo, Eric (OR)	242	656	Brandt, Jean (CA)
91	691	Berrigan, Paul (MI)	166	672	Hemink, Lynn (CA)	242	656	Carpenter, Mike (MD)
91	691	Hirth, Martha (AZ)	166	672	Argabrite, Wendell (WV)	242	656	Bergstrom, Bradley J. (GA)
91	691	Morris, Bernard (PA)	166	672	Elliott, Barbara (CA)	242	656	Faike, Elise (ID)
91	691	Lehman, Jay G. (OH)	166	672	Neville, Bruce (NM)	248	655	Kaplan, Daniel (NC)
95	690	Finch, Ronald (DE)	166	672	Bradley, Robert (CO)	248	655	Weinberger, Gerry (VA)
95	690	Davis, Phil (MD)	166	672	Carter, Robin (SC)	248	655	Lebo, Harold (PA)
95	690	McGregor, Ian (WA)	166	672	Eastman, Caroline (SC)	248	655	Center, Jonathan (MA)
95	690	Dowling, Helen (FL)	175	671	Emmons, Steven (CA)	248	655	Stephenson, Jeff (MN)
99	689	Haw, James (IN)	175	671	Eikenberry, James (MN)	253	654	Forsythe, Dennis M. (SC)
99	689	Malmid, Stuart (NJ)	175	671	Ekblad, Bob (MN)	253	654	Simon, Joel (TX)
99	689	Rogers, Tommie (MO)	175	671	Wilburn, Phyllis (CA)	253	654	Alberico, Cindy (IL)
99	689	Koonce, Alexander "Sandy" (CA)	175	671	Duxbury-Fox, Dana (MA)	256	653	Murray, Tom (MA)
99	689	Dowling, William (FL)	175	671	Fowler, Jim (MI)	256	653	Ostrander, Robert (SC)
104	688	Sayre, Phillip (CA)	175	671	Heilman, Annie (TN)	258	652	Snider, Patricia (NM)
104	688	Calhoon, Kevin (TN)	175	671	Reid, Jr., Robert R. (AL)	258	652	Filemyr, Albert (PA)
104	688	Drummond, John (VA)	183	670	Wulkowicz, Stanley (CA)	258	652	Sarno, Winnie M. (OH)
104	688	Richmond, Jean (CA)	183	670	Burton, Kenneth (CA)	258	652	MacKenzie, Hue (BC)
104	688	Rogers, Michael M. (CA)	183	670	Reid, Elberta G. (AL)	262	651	Bell, James Tyler (MD)
104	688	Hansen, Bev (FL)	186	669	Palmer, Richard (AZ)	262	651	Delorey, Alan (NH)
104	688	Hansen, Al (FL)	187	668	Schaff, Frank (MD)	262	651	Carter, Kris (ID)
111	687	Prytherch, Kenneth (NJ)	187	668	Carlson, W. Bradley (NY)	262	651	Faike, David (ID)
111	687	Murphy, William (PA)	187	668	Coullon, Bridgt A. (ME)	262	651	Ledec, George (VA)
111	687	Oldenettel, Jerry (NM)	187	668	LeVine, John (CA)	262	651	Eidel, Jim (NV)
111	687	Smith, Shirley (MI)	191	667	Ohmart, Robert (TX)	268	650	Moore, Robert (TX)
111	687	Eliot, Ted (CA)	191	667	TROTT, ANTHONY (FL)	268	650	Sosensky, Steve (CA)
116	686	Parmeter, Benjamin (CA)	191	667	Hazelwood, Susan (MO)	268	650	Beatty, James (CO)
116	686	Klauber, David (NY)	191	667	Gatchet, John Francis (OR)	271	649	Leahy, Tim (WI)
116	686	Richards, Allan (MA)	191	667	Holmes, James (LA)	271	649	Resch, Michael (MA)

271	649	Bremser, Jr., William J. "Bill" (FL)	350	633	Bruce, Lucienne (TX)	425	613	Detwiler, Henry (AZ)
271	649	Emkalns, Douglas (NM)	350	633	Davis, Barbara (MD)	428	612	Guarente, Al (PA)
271	649	Lukens, Karl (NJ)	352	632	Williamson, Geoffrey A. (IL)	428	612	Hewitt, Mary (NM)
276	648	Delorey, Barbara (NH)	352	632	Crawford, Steven (KS)	430	611	Behrens, Judith (TX)
276	648	Simon, Vicki (TX)	352	632	Toochin, Michael (BC)	430	611	Slattery, Ed (MA)
276	648	Long, MD, Robert E. (NY)	352	632	Padelford, Barbara (NE)	430	611	Gardella, Larry (AL)
276	648	Anderson, Kathleen S. (MA)	352	632	Malone, Larry (NM)	433	610	Sigsbee, James (FL)
276	648	Updegrave, Kermit (MD)	352	632	Kamp, Martha B. (OK)	433	610	Getgood, John (VA)
281	647	Kostenko, Jane (MD)	358	631	Cargill, Dwight (VT)	433	610	McWilliams, Gerald (PA)
281	647	Hagen, Sherry (WA)	358	631	Bever, Emily (FL)	436	609	Andres, Brad (VA)
281	647	O'Neill, Patty (MA)	358	631	Hart, Bill (CA)	436	609	Hirth, Greg (MA)
281	647	Goodwin, David (FL)	358	631	Kritchevsky, Evelyn (PA)	438	608	Dexter, Coen (CO)
285	646	Chartier, Allen (MI)	358	631	Demaree, Salome (AZ)	438	608	Knaus, Ron (CA)
285	646	Roark, David (CA)	358	631	Snipes, Donald R. (VA)	438	608	Baldinger, Barbara (MI)
285	646	Hagen, Arden (WA)	358	631	Shone, Ruth (NY)	438	608	Ross, Carolyn (FL)
285	646	Russell, Ken (AK)	358	631	Armstrong, Howard (WA)	438	608	Graf, Leonard (MI)
289	645	Knittle, Ken (WA)	358	631	Padelford, Loren (NE)	443	607	Wright, Brenda (CO)
290	644	Jacobson, Kathy (TN)	367	630	Foxall, Roger (BC)	443	607	Rosso, Paul (CA)
291	643	Holbrook, Robert (MD)	367	630	Wilson, Jeff (TN)	443	607	McConnell, Paul (NM)
291	643	Marcum, James (MA)	367	630	Dart, Shannon (VA)	443	607	Herold, James H. (WY)
291	643	Williamson, Christine (IL)	370	629	Nikas, Mark (OR)	447	606	Kelly, Rich (NY)
291	643	Armstrong, Eugene (IA)	370	629	White, K. Clark (VA)	447	606	Dorman, Jean (NY)
291	643	Armstrong, Eloise (IA)	370	629	Brogie, Mark A. (NE)	449	605	Slattery, Amy (MA)
296	642	Macaulay, Linda (CT)	370	629	Kaestner, Peter (Brazil)	449	605	Bauer, Paul (MO)
296	642	Macaulay, Bill (CT)	374	628	Landry, Peter (QC)	451	604	Ladenberger, Nancy (WA)
296	642	Rapoza, Brian (FL)	374	628	White, Stuart (VA)	451	604	Balestri, Marcia (MD)
296	642	Withgott, Jay (OR)	374	628	Hamilton, Nita (CT)	451	604	Salzman, Eric (NY)
296	642	Osenton, Peter (MD)	374	628	Chu, Philip (MN)	451	604	Petty, Diane (OR)
301	641	Pomerantz, David (CA)	374	628	Bartlett, H. Thomas (OH)	451	604	Bedient, Phillip E. (MA)
301	641	Haldeman, Mike (PA)	379	627	Collins, John (NY)	456	603	Thayer, Peter (FL)
301	641	McSweeny, Paul (OH)	379	627	Simonson, Gary (MN)	456	603	Crabtree, Charles (TX)
301	641	Woolfenden, James (AZ)	379	627	Rose, Joshua (NC)	458	602	Witt, Terry (TN)
301	641	Pippen, Jeffrey (NC)	382	626	Freeman, Reid (AZ)	458	602	Bowers, Suzanne (CA)
306	640	Bertrand, Bill (IL)	382	626	Washington, David (MI)	458	602	Waltman, David (CO)
306	640	Wade, M. K. Edge (MO)	384	625	Nistico, Pat (MD)	458	602	Nichols, Kenny (AR)
306	640	O'Connor, Robert (MN)	384	625	McKee, John (IL)	458	602	Nichols, Ladonna (AR)
306	640	Gochfeld, Michael (NJ)	386	624	Zeilemaker, Fred (ID)	463	601	Cook, William (NY)
306	640	Engsberg, Richard (NJ)	386	624	Beaton, R. Gifford (SC)	463	601	Wathen, Wayne (CO)
306	640	Rosenmeier, Terry (NH)	386	624	Beyer, Kathy (UT)	465	600	Osland, Gregory (IN)
306	640	Sherrell, Paul (OR)	386	624	Beyer, Joel (UT)	465	600	Komar, Nicholas (CO)
313	639	Powers, Edwin (IN)	386	624	Miliotis, Paul (AL)	467	599	Goverts, Irene G. J. (DE)
313	639	Robb, Roger (OR)	391	623	Putman, Robert (FL)	467	599	West, Steve (NM)
313	639	Roberts, Tom (MA)	391	623	Chanriot, George (CA)	469	598	Messersmith, Donald (MD)
313	639	Mahler, Glenn (NJ)	391	623	Bumgardner, Frank D. (TX)	469	598	Paluzzi, Joseph A. (MA)
313	639	Vande Voorde, Carole (WA)	391	623	Maulding, Sylvia (OR)	469	598	Herlyn, Hendrik (OR)
313	639	Butts, Judy (OR)	391	623	Galizio, Mark (NC)	472	597	Jensen, Charles L. (NM)
313	639	Separd, Kathleen (CA)	391	623	Almdale, Charles (CA)	472	597	Mills, Charles (IN)
313	639	Mirick, Stephen (NH)	397	622	Larsen, Reynold (RI)	474	596	Breault, Kevin (TN)
321	638	Worthington, Pete (SC)	397	622	Brandow, Robert H. (ME)	474	596	Friedman, Darlene (MI)
321	638	Eaton, Nancy (CT)	397	622	Martin, Ron (ND)	474	596	Weber, Dave (CA)
321	638	Pereksta, David (CA)	397	622	Finch, Warren (CO)	474	596	Brogie, Ellen L. (NE)
321	638	Jornvall, Hans (Sweden)	397	622	Stilwell, Lynne (TX)	474	596	Meyer, Pat (AL)
321	638	Woodard, Jimmy (OK)	402	621	Prosser, David (NY)	479	595	Leip, WD (MO)
326	637	Percival, Brandon (CO)	402	621	Rickard, Richard (OH)	479	595	Faulkner, Doug (CO)
326	637	Modesitt, Larry (CO)	404	619	Homan, Dick (MD)	479	595	Stensaas, Sparky (MN)
326	637	Duerksen, Russell (AZ)	404	619	Elliott, Bruce (CA)	479	595	Powers, Ward (FL)
326	637	Stevenson, Mark (AZ)	404	619	Richard, Carroll (SC)	483	594	Proescholdt, Beth (IA)
326	637	Wittman, William (NM)	404	619	Gallaher, James (MA)	483	594	Bower, Jean (NJ)
331	636	Beretta, Marshall (OR)	404	619	Jickling, Bob (CO)	483	594	Bower, James (NJ)
331	636	Hartman, Bob (MD)	404	619	Cairo, Mary Ann (NY)	483	594	Donsker, David (NH)
331	636	Berlin, Kenneth (MD)	404	619	Cairo, Warren (NY)	483	594	Hopper, Rachel (CO)
331	636	Shelmerdine, Tim (OR)	411	618	Scyphers, Greg (NV)	483	594	Green, Clive (AZ)
331	636	Kluge, Karen (NH)	411	618	Peebles, Gary (CA)	483	594	Meyer, Wayne (TX)
336	635	Matthiessen, Matthew (CA)	411	618	Peterson, Stacy (ID)	483	594	Dewire, Robert (CT)
336	635	Hartman, Toni (MD)	414	617	Saunders, Norman (MD)	483	594	Casey, Daniel (MT)
336	635	Mahler, Eileen (NJ)	414	617	Easley, Charles (TX)	492	593	Ports, George (NH)
336	635	Stone, Byron (TX)	414	617	Brooks, James (TN)	492	593	Canterbury, George (NE)
336	635	McDaniel, John (MI)	414	617	Johnson, Lillian (CA)	494	592	Spalding, Oakes (MA)
341	634	Nistico, Paul (MD)	414	617	Pittman, Galen (KS)	494	592	Hamilton, Denise (CA)
341	634	Kanareff, Sharon (PA)	419	616	Metzler, Robert (TX)	494	592	Canterbury, Beverly (NE)
341	634	Parsons, Robert (MB)	420	615	Silcock, Ross (IA)	494	592	Bradburn, Curtis (IN)
341	634	Anderson, Karen (VA)	420	615	Miller, Ann (AZ)	498	591	Woodrow, Mr. Terrie (ON)
341	634	Cassady, John (IN)	420	615	Saunders, Frances (MD)	498	591	Hamilton, David (CA)
341	634	Alwood, Cornelius (MO)	420	615	Miller, Alan (AZ)	500	590	Keller, Paul (CA)
341	634	Weber, Wayne (BC)	420	615	Hatcher, Elizabeth (AZ)	501	589	Carlson, Roy (CA)
341	634	Hood, Larry (IL)	425	613	Smith, David (OR)	501	589	Dillon, Mike (TX)
341	634	Jones, Daniel (TX)	425	613	McKee, Cynthia (IL)	501	589	Engleman, Dodge (TX)

501 589	Van Epps, Rob (NC)	578 565	Plooster, Suzi (CO)	657 530	Crins, Bill (ON)
501 589	Redden, Jo (TX)	578 565	Toppins, Carole (MT)	659 529	Riding, Keith (BC)
501 589	Schiefer, Terence (MS)	583 564	Lane, Denise (OH)	660 528	Tweedell, Joan (IN)
507 588	Ford, Susan (TN)	584 563	Plooster, Myron (CO)	660 528	Martin, Barbara (MN)
507 588	Neily, Larry (ON)	584 563	Schilk, Richard (CA)	660 528	Norheim, Connie (ND)
509 587	Ickes, Roy (PA)	586 562	Currie, Hugh (ON)	660 528	Hall, Jeffrey (NJ)
509 587	McCall, Claire (MA)	586 562	Townsend, William (ME)	660 528	Pandolfino, Ed (CA)
509 587	Howe, Gene (NC)	588 561	Felker, Linda (MN)	665 527	Patton, Helen (MD)
509 587	Peterson, Laura (ID)	588 561	Olesen, Janice (MI)	665 527	Evanson, Randall (FL)
513 586	Moyle, John (NY)	590 560	Holmquist, Howard (DE)	665 527	Rayer, Stefan (FL)
513 586	Proescholdt, Mark (IA)	591 559	Gilchrist, Peter (ON)	668 526	Mowat, George (MT)
513 586	Fegarido, Carol (TN)	591 559	Overton, Dixie (IA)	668 526	Hanna, Jr., James (GA)
513 586	Brucker, Maurice (IL)	593 558	Tufts, Gordon W. (NS)	668 526	Allen, Pamela (IA)
513 586	Arthurs, Bob (MI)	593 558	Doud, Steven (IN)	668 526	Allen, Reid (IA)
518 585	Rondon, Fernando E. (VA)	595 557	Parker, Jim (CA)	668 526	Norton, Frederick (CT)
518 585	Borden, Walter (GA)	595 557	Hoff, Ron (TN)	668 526	Talkington, Clark (ND)
520 584	Paul, Jr., Frank (ME)	595 557	Bumgardner, Jeanette J. (TX)	674 525	Michelson, Christian (WY)
520 584	Bristow, Paul (ON)	595 557	Tull, Eric (AB)	674 525	Shaw, Jan (TN)
522 583	Lesser, James (MI)	595 557	Bowman, Martin (NY)	674 525	Viola, Alfred (MA)
522 583	Levy, Sue (TX)	595 557	Oliphant, Mitchell (OK)	677 524	Glydon, Jamie (NJ)
522 583	Kopitzke, Jim (AZ)	601 555	O'Brien, Darrin (MI)	677 524	Viola, Joy (MA)
522 583	Parks, Johnny T. (GA)	602 554	James, John (WA)	679 523	McMullen, Keith A. (IL)
522 583	Finch, Debra (MA)	603 553	Lanier, Bob (TX)	680 522	Gross, Steven (TX)
527 582	Brooks, Don (MI)	603 553	Boyd, Roger L. (KS)	680 522	Smith, David (TX)
527 582	Stirling, David (BC)	605 552	Brasser, Margaret (WI)	680 522	Knutson, John (ME)
527 582	Chad, Paul (OH)	605 552	Heyerly, Dan (OR)	680 522	Knutson, Margaret (ME)
530 581	David, Karl (WI)	605 552	Janzen, Pete (KS)	684 521	Edwards, Martin H. (ON)
530 581	Madsen, Michael (IL)	605 552	Horgan, Gillian (NY)	684 521	Weber, Magill (WI)
530 581	Ackley, Mymm (CO)	605 552	Cooney, Nick (TX)	684 521	Siebert, Randy (CO)
530 581	Hintermister, John (FL)	610 551	Allaire, Kenneth (NY)	684 521	Jones, Greg (FL)
534 580	Knight, Gene (MS)	610 551	Churchill, John (MD)	688 519	Kihn, Thomas (TX)
535 579	Woolfenden, Donald (NJ)	610 551	Hardister, John (NC)	688 519	Putnam, Caleb (MI)
535 579	Bontly, Marilyn (WI)	613 550	Woolfenden, Doris (NJ)	690 518	Rader, Mike (KS)
535 579	Mencotti, Mike (MI)	613 550	Rycenga, Jennifer (CA)	691 517	Rife, JoAnne (AR)
535 579	Penhallurick, John (Australia)	615 549	Pasterczyk, Cathy (DC)	691 517	Prothro, Brenda S. (TX)
539 578	Newfield, Nancy L. (LA)	615 549	Bathke, Joyce (MO)	691 517	u Sonnenberg, Richard (CA)
539 578	Persson, June (CA)	615 549	Langhoff, Dan (CA)	694 515	Korol, Burke (ON)
539 578	Smith, Jerry (WI)	618 548	Brasser, David (WI)	695 514	Raney, Jr., Paul (GA)
539 578	Brigham, Rick (MI)	619 547	Gearheart, Matthew (KS)	695 514	Autin, Decie (TX)
539 578	Watson, Carol (MI)	620 546	Meyer, Joyce (WA)	697 512	Barriger, Lou Anne (IN)
539 578	Devigne, Philippe (CA)	620 546	Sims, Richard (TX)	697 512	David, Reginald (HI)
539 578	Thomas, Kevin (MI)	620 546	Attridge, Barry (ON)	699 511	Eddy, Greg (WV)
546 577	Barnes, Satch "Wain" (MD)	620 546	Scott, Marcy (NM)	699 511	Campos-Ramirez, Rafael (Costa Rica)
546 577	Lewis, Robert D. (MO)	620 546	McGrath, Vincent (FL)	701 510	Elser, Lisa (Switzerland)
546 577	Fellers, Paul (FL)	620 546	u White, David (NM)	702 509	Allinson, David (BC)
546 577	Wyatt, Caroline (FL)	626 544	Craves, Julie (MI)	702 509	Davis, Robert (ID)
550 576	Boyd, Richard C. (NC)	626 544	Williams, Dave (KS)	704 508	Davis, France (TX)
550 576	Comeau, Clifford (MD)	626 544	Meyst, Lois B. (OH)	705 507	Jerome, Florence (ON)
550 576	Knight, Shannon (MS)	629 543	Brozek, Celestyn (NM)	705 507	Jones, Debbie (FL)
550 576	Platt, Ian (ON)	629 543	Groeneweg, Kevin (KS)	707 506	Capobianco, Peter (RI)
550 576	Finley, Joelle (LA)	631 542	Wathen, Laura (CO)	707 506	Simonson, Don (MD)
550 576	Vennema, Peter (NM)	631 542	Pettingell, Noel (TX)	709 504	Davis, Martha (IN)
556 575	Teague, Glenn (WA)	631 542	Meyst, Peter M. (OH)	710 503	Esralsion, Lloyd (BC)
556 575	Smith, Karen (WI)	634 541	Menart, Tony (FL)		
556 575	Eaton, Margery (FL)	634 541	Frank, James (WI)		
559 574	Kirkwood, Dennis (MD)	634 541	Pike, Ralph (KS)		
559 574	Trump, Rusty (GA)	637 540	Ealding, Wendy (VA)		
559 574	Coleman, Daniel (TX)	637 540	Falk, Lloyd (DE)		
559 574	Hart-Rose, Betty Jean (MO)	637 540	Hargrove, Linda (TX)		
563 573	Sinderson, Sam (PA)	640 539	Miller, Kathy (OH)		
563 573	Harris, Stephen (NC)	640 539	Wagner, Gary (CA)		
565 572	Epler, John (FL)	640 539	Zabriskie, James (NM)		
565 572	Deem, Mary Lease (NJ)	640 539	Liller, John (MA)		
567 571	Hayes, Michael (TX)	644 538	Bain, Margaret (ON)		
567 571	Toppins, Terry (MT)	645 537	Rang, Rodger (IN)		
569 570	Engleman, Lorna (TX)	646 536	Cyger, Ron (CA)		
570 569	Daniels, David (IN)	647 535	Miller, Richard (OH)		
570 569	Boesman, Peter (Belgium)	648 534	Loffin, Horace (NC)		
572 568	Fekel, Francis (TN)	648 534	Weeks, Ann (MD)		
572 568	Chenoweth, Marscha J. (IL)	650 533	Samac, Deborah (MN)		
572 568	Pruess, Neva (NE)	651 532	Martin, Dennis (MN)		
575 567	Wells, John (CT)	651 532	Godwin, Alan (KS)		
576 566	Lane, Robert (OH)	651 532	Menten, Bob (TX)		
576 566	Block, Andrew (NY)	654 531	Scott, Derek (Ireland)		
578 565	Swift, Byron (DC)	654 531	O'Bannon, Douglas (CA)		
578 565	Keferl, Eugene (GA)	654 531	Ferguson, Carol C. (TX)		
578 565	Hargrove, Jim (TX)	657 530	Armstrong, Thais (WA)		

UNITED STATES — 1023

1	910	Smith, Macklin (MI)
2	899	Sykes, Paul (GA)
3	872	Barrett, Bruce (CA)
4	864	Peavler, Larry (IN)
5	860	Johnson, Bud (AZ)
6	852	Gambill, Mary "Louise" (TX)
6	852	Gambill, Charles "Red" (TX)
8	851	Narins, David (FL)
8	851	Greaves, Edward (CA)
10	846	Gorman, William (NY)
11	845	Rydell, William (CA)
11	845	Canterbury, Dan (FL)
11	845	Ribble, Barbara (TX)
14	844	Ribble, John (TX)
15	836	Wachtler, Gloria (MN)
16	835	Wachtler, Richard (MN)
17	831	Schlegel, Tom (Switzerland)
18	829	Steurer, Timothy (CA)
18	829	Morse, Bob (WA)
20	827	Hirth, John (AZ)
21	826	Ward, Ken (VT)
22	824	Master, Bernard (OH)

23	819	Danzenbaker, John D. (NJ)	100	748	Fowler, Jim (MI)	176	713	Salvetti, John (PA)
24	814	Cudney, Mark D. (CA)	101	746	Nye, Elaine (CT)	176	713	Munthe, Jens (UT)
25	812	Haynie, Carl (WA)	101	746	Feinberg, Harold S. (NJ)	176	713	Fitch, John (CA)
26	810	Chaffin, David (TN)	101	746	Traver, Donna (NY)	176	713	Burton, Kenneth (CA)
26	810	Stecher, Karl (CO)	101	746	Traver, Donald (NY)	176	713	Zimmer, James (CA)
28	809	Walton, Robert (IN)	101	746	Bosse, Walter (RI)	176	713	Ledec, George (VA)
28	809	Funston, Bob (OK)	101	746	Faike, David (ID)	183	712	Bowen, Joy (MD)
30	807	Rose, B.J. (MO)	101	746	Einspahr, Howard (NJ)	183	712	Halsey, Laurens (AZ)
31	805	Drummond, William C. (MA)	108	742	Trott, Julie (FL)	185	711	Stone, Robert (TX)
31	805	Hirth, Martha (AZ)	108	742	Henderson, John (TN)	185	711	Waldrop, Rick (TN)
33	803	Strasser, Voni (PA)	108	742	Mulligan, Mike (AB)	185	711	Gochfeld, Michael (NJ)
33	803	Strasser, Joseph (PA)	108	742	Hamilton, Michael (NY)	188	710	Colyer, Richard (PA)
33	803	Berrigan, Paul (MI)	112	741	d Heilman, Annie (TN)	188	710	Richards, Allan (MA)
36	802	Gordon, Richard J. (AK)	113	740	Landry, Peter (QC)	188	710	Rogers, Tommie (MO)
37	796	Bailey, Stephen F. (CA)	114	739	Duxbury-Fox, Dana (MA)	188	710	Sidler, M. Christine (RI)
38	795	Rostron, Philip (TX)	114	739	Irvin, Richard (ID)	192	709	Brandt, Jean (CA)
38	795	Cunningham, Richard (FL)	116	738	Feighner, Michael (CA)	192	709	Weigant, Leo (MD)
38	795	Sifford, J. W. (TX)	116	738	Bergstrom, Bradley J. (GA)	192	709	Clark, Roger (FL)
41	792	Thurston, David (FL)	118	737	Eliot, Ted (CA)	192	709	Hewitt, Mary (NM)
42	790	Dowling, Helen (FL)	119	736	Pozzo, Eric (OR)	196	708	Bono, Peter (CT)
42	790	Dowling, William (FL)	119	736	Palmer, Richard (AZ)	196	708	Wile, Michael (WA)
44	789	Peterson, Ted (WA)	119	736	Beatty, James (CO)	198	707	Hagen, Sherry (WA)
44	789	O'Brien, Paul (MD)	122	735	Lehman, Jay G. (OH)	199	706	Carpenter, Mike (MD)
46	788	Myers, Dollyann (TN)	123	734	Haw, James (IN)	199	706	Miles, Clifford (NJ)
47	787	Lucchesi, Caryl (CT)	123	734	Wyatt, Betty P. (CA)	201	705	Willoughby, Hugh (RI)
47	787	Broadbooks, N. Bruce (CA)	123	734	Jacobson, Daniel (TN)	201	705	Odgers, John (TX)
49	783	Burden, Kenneth (WA)	126	733	Deifik, David (NH)	201	705	Hagen, Arden (WA)
49	783	Sanders, Jeffrey (IL)	126	733	Nelson, David W. (CA)	201	705	Simon, Joel (TX)
51	782	Kersting, Cecil (LA)	128	732	Gifford, Charles (VT)	205	704	Halloran, Mark (NH)
51	782	Coatsworth, James (CA)	128	732	Prince, Thomas F. (MA)	205	704	Beaton, R. Gifford (SC)
53	780	Smith, Edwin (MI)	130	731	Lebo, Harold (PA)	205	704	Bumgardner, Michael (CA)
54	779	Fox, Robert (MA)	130	731	Flower, Richard (AZ)	208	702	Eikenberry, James (MN)
55	778	Finch, Ronald (DE)	130	731	Murgatroyd, Paul (VA)	208	702	Vande Voorde, Carole (WA)
56	777	Meyers, Martin (CA)	133	730	TerLouw, Joe (WA)	208	702	u Coullon, Bridgt A. (ME)
57	776	Ryan, Richard (NJ)	133	730	Toochin, Michael (BC)	211	701	Roark, David (CA)
57	776	Lyon, Charles (LA)	133	730	Berger, Byron (OH)	211	701	Modesitt, Larry (CO)
59	775	Chalfant, Donald (MI)	136	729	Chartier, Allen (MI)	211	701	Foxall, Roger (BC)
60	772	Kornfeld, Steve (OR)	136	729	Richmond, Jean (CA)	211	701	Wall, Ralph J. (VA)
60	772	White, Tony (MD)	138	728	Wade, M. K. Edge (MO)	211	701	Brockner, Winston William (CO)
62	771	Mellor, Norman H. (CA)	138	728	Wittman, William (NM)	211	701	Cole, Mary Lou (TX)
62	771	Hagen, Ed (CT)	140	727	Bradley, Robert (CO)	217	700	Gatchet, John Francis (OR)
64	770	Kahle, Anne (CA)	140	727	Holmes, James (LA)	217	700	Stevenson, Mark (AZ)
64	770	Patterson, Easy (Australia)	142	725	Sayre, Phillip (CA)	219	699	Woolbright, Shane (OK)
66	769	Ambrose, Robert (AZ)	142	725	MacKenzie, Jo Ann (BC)	220	698	Carlson, W. Bradley (NY)
67	768	Matherly, Steven (TX)	144	724	Kaplan, Daniel (NC)	220	698	Parmeter, Benjamin (CA)
68	767	Hamilton, John L. (CA)	144	724	Weintz, Todd (FL)	220	698	Butts, Judy (OR)
68	767	Belyea, Glenn (MI)	144	724	Reid, Jr., Robert R. (AL)	220	698	Cosner, Kin (TN)
70	765	Hollinga, Ken (VA)	147	723	Tessen, Daryl (WI)	220	698	Machover, Robert (NJ)
70	765	Overton, Michael D. (IA)	147	723	McHaney, Jimmy (LA)	220	698	Witzeman, Janet (AZ)
72	764	Zeilemaker, Fred (ID)	147	723	Oldenettel, Jerry (NM)	220	698	Sanders, Dan (OH)
73	763	Sandsberry, Marian (AZ)	150	722	Hayes, J. B. (CO)	227	697	Moore, Robert (TX)
74	762	TROTT, ANTHONY (FL)	150	722	Hanyak, John J. (NY)	227	697	Hart, Bill (CA)
75	761	Kutska, Michael R. (IL)	152	721	Elliott, Barbara (CA)	227	697	Ellenberg, Richard (NM)
76	760	McGregor, Ian (WA)	152	721	Reid, Elberta G. (AL)	227	697	Stilwell, Elton (TX)
77	759	Davis, Phil (MD)	154	720	Litterst, Chuck (MD)	231	696	Larsen, Reynold (RI)
77	759	Whelton, Bart (WA)	154	720	Davis, Barbara (MD)	232	695	Bieda, Robert (MA)
79	758	Woodley, Robert (WA)	156	718	Timm, Richard (PA)	233	693	Ekblad, Bob (MN)
79	758	Armstrong, Richard (TX)	156	718	Kamp, Martha B. (OK)	233	693	Baldinger, Barbara (MI)
79	758	Hemink, Lynn (CA)	158	717	Bowen, Michael (MD)	233	693	Hirth, Greg (MA)
79	758	Johnson, Lee G. (IL)	158	717	Grenfell, Bill (CA)	236	692	Nikas, Mark (OR)
83	757	Hocevar, Charles (SC)	158	717	Morris, Bernara (PA)	236	692	Carter, Kris (ID)
83	757	Russell, Ken (AK)	158	717	Rogers, Michael M. (CA)	236	692	Alberico, Cindy (IL)
85	756	Hays, Jim (AZ)	158	717	MacKenzie, Hue (BC)	239	691	Scyphers, Greg (NV)
85	756	Armstrong, Nanette (TX)	163	716	Freeland, David (FL)	239	691	McDaniel, John (MI)
85	756	Reber, Barbara (CA)	163	716	Hood, Larry (IL)	241	690	Koonce, Alexander "Sandy" (CA)
88	755	Bouton, William (CA)	163	716	Haaseth, Ron (MA)	242	689	Jickling, Bob (CO)
89	754	Vannoy, Donald (KS)	163	716	Peake, Richard (TX)	242	689	Anderson, Karen (VA)
90	753	Wilt, Richard (AZ)	163	716	Guse, Kevin (CA)	242	689	Witzeman, Robert (AZ)
90	753	Klauber, David (NY)	168	715	Ellman, Neil (NJ)	245	688	Wilburn, Phyllis (CA)
92	751	Pratt, Frederick (VT)	168	715	Mark, David (NY)	245	688	Neville, Bruce (NM)
92	751	Jornvall, Hans (Sweden)	168	715	Stephenson, Jeff (MN)	245	688	Cairo, Mary Ann (NY)
94	750	Spruance, Preston (CA)	171	714	O'Connor, Robert (MN)	248	687	Ziarno, Gerald (MI)
94	750	Forsythe, Dennis M. (SC)	171	714	Calhoon, Kevin (TN)	248	687	Laframboise, Bill (WA)
94	750	Biggs, Wes (FL)	171	714	Munthe, Kathleen (UT)	248	687	Laframboise, Nancy (WA)
97	749	Moore, Stephen (MA)	171	714	Mack, Bruce (SC)	248	687	Rose, Joshua (NC)
97	749	Smith, Shirley (MI)	171	714	Ostrander, Robert (SC)	252	686	Leahy, Tim (WI)
97	749	Faike, Elise (ID)	176	713	McDavit, Mary (NC)	253	685	Brandow, Robert H. (ME)

253 685	Eidel, Jim (NV)	330 661	Cox, Joe (TX)	406 634	Cassady, John (IN)
253 685	Groce, Betty (CA)	330 661	Hopkins, Edward (IN)	406 634	Alwood, Cornelius (MO)
253 685	Belyea, Maryanne (MI)	333 660	Saunders, Frances (MD)	406 634	Tull, Eric (AB)
253 685	Butcher, Greg (MD)	333 660	Eaton, Nancy (CT)	406 634	Malone, Larry (NM)
258 684	Putman, Robert (FL)	336 659	Peebles, Gary (CA)	406 634	Jones, Daniel (TX)
259 683	DeReamus, Dave (PA)	336 659	Collins, John (NY)	413 633	Easley, Charles (TX)
259 683	Shelmerdine, Tim (OR)	336 659	Engleman, Dodge (TX)	413 633	Powers, Ward (FL)
259 683	Toffice, Greg (WA)	336 659	Shone, Ruth (NY)	413 633	Mowat, George (MT)
262 682	Powers, Edwin (IN)	339 658	Thompson, Joe (CA)	413 633	Hamilton, David (CA)
262 682	Witt, Terry (TN)	340 657	Chady, Wilson (WA)	413 633	Hamilton, Denise (CA)
262 682	Bell, James Tyler (MD)	340 657	Sanders, Ira (CO)	418 632	Williamson, Geoffrey A. (IL)
262 682	Kanareff, Sharon (PA)	340 657	Lowder, Kenneth (IA)	418 632	Crawford, Steven (KS)
262 682	Bruce, Lucienne (TX)	343 656	Pierce, Barrett (TX)	420 631	Commeau, Guy (CA)
262 682	Bremser, Jr., William J. "Bill" (FL)	343 656	Pereksta, David (CA)	420 631	Cargill, Dwight (VT)
268 681	Keller, Paul (CA)	345 655	Behrens, Judith (TX)	420 631	McKee, John (IL)
268 681	Armstrong, Howard (WA)	345 655	Messersmith, Donald (MD)	420 631	McKee, Cynthia (IL)
270 680	Delorey, Alan (NH)	345 655	Maulding, Sylvia (OR)	420 631	Simonson, Gary (MN)
271 679	Easley, Kevin (FL)	345 655	Osenton, Peter (MD)	420 631	Hoff, Ron (TN)
271 679	Murray, Tom (MA)	349 653	Filemyr, Albert (PA)	420 631	Snipes, Donald R. (VA)
273 678	Pomerantz, David (CA)	349 653	Metzler, Robert (TX)	427 630	Brink, Gerard (AZ)
273 678	Kostenko, Jane (MD)	349 653	Holbrook, Robert (MD)	427 630	Woolfenden, Donald (NJ)
273 678	Delorey, Barbara (NH)	349 653	Rosso, Paul (CA)	427 630	Guarente, Al (PA)
273 678	Hartman, Bob (MD)	349 653	Bedient, Phillip E. (MA)	427 630	Wilson, Jeff (TN)
277 677	Hartman, Toni (MD)	349 653	White, Stuart (VA)	427 630	Devigne, Philippe (CA)
277 677	Gardner, Frank (MA)	355 652	Gallaher, James (MA)	432 629	Donsker, David (NH)
277 677	Miller, Ann (AL)	355 652	Brooks, Don (MI)	432 629	White, K. Clark (VA)
277 677	Jacobson, Kathy (TN)	355 652	David, Reginald (HI)	432 629	Brogie, Mark A. (NE)
277 677	Rosenmeier, Terry (NH)	355 652	Almdale, Charles (CA)	435 628	Ports, George (NH)
277 677	Meyer, Pat (AL)	355 652	Hamilton, Nita (CT)	435 628	Levy, Sue (TX)
283 676	Lasley, Greg (TX)	360 651	McSweeney, Paul (OH)	435 628	Chu, Philip (MN)
283 676	Resch, Michael (MA)	361 650	Kelly, Rich (NY)	435 628	Bartlett, H. Thomas (OH)
283 676	Roberts, Tom (MA)	361 650	Sosensky, Steve (CA)	439 627	Stirling, David (BC)
283 676	Graf, Leonard (MI)	361 650	Marcum, James (MA)	439 627	Eaton, Margery (FL)
287 675	Rondon, Fernando E. (VA)	364 649	Hopper, Rachel (CO)	441 626	Brink, Betty (AZ)
287 675	Armstrong, Eugene (IA)	364 649	Emkalns, Douglas (NM)	441 626	Currie, Hugh (ON)
287 675	Armstrong, Eloise (IA)	364 649	Lukens, Karl (NJ)	441 626	Freeman, Reid (AZ)
287 675	Borden, Walter (GA)	367 648	Beretta, Marshall (OR)	441 626	Rife, JoAnne (AR)
287 675	Kaestner, Peter (Brazil)	367 648	Engleman, Lorna (TX)	441 626	Washington, David (MI)
292 674	Anderson, Kathleen S. (MA)	367 648	Long, MD, Robert E. (NY)	446 625	Nistico, Pat (MD)
293 673	Marvin, Paul (FL)	367 648	Overton, Dixie (IA)	446 625	Slattery, Amy (MA)
293 673	Argabrite, Wendell (WV)	371 647	Ladenberger, Nancy (WA)	446 625	Paul, Jr., Frank (ME)
293 673	Kluge, Karen (NH)	371 647	Wathen, Wayne (CO)	446 625	Finley, Joelle (LA)
293 673	Mueller, Allan (AR)	371 647	Hatcher, Elizabeth (AZ)	450 624	Carlson, Roy (CA)
297 672	Chaniot, George (CA)	371 647	Johnson, Lillian (CA)	450 624	Halloran, Joyce (NH)
297 672	Carter, Robin (SC)	371 647	Goodwin, David (FL)	450 624	Beyer, Kathy (UT)
297 672	Eastman, Caroline (SC)	376 646	Dexter, Coen (CO)	450 624	Beyer, Joel (UT)
300 671	Emmons, Steven (CA)	376 646	Prosser, David (NY)	454 623	Evanson, Randall (FL)
300 671	Engsberg, Richard (NJ)	376 646	Gilchrist, Peter (ON)	454 623	Crabtree, Charles (TX)
300 671	Rapoza, Brian (FL)	379 645	Wright, Brenda (CO)	456 622	Grenfell, Gregory P. (CA)
303 670	Balestri, Marcia (MD)	379 645	Febba, Sam (MI)	456 622	Martin, Ron (ND)
303 670	Waltman, David (CO)	381 644	Homan, Dick (MD)	456 622	Stilwell, Lynne (TX)
303 670	Bumgardner, Frank D. (TX)	382 643	Green, Clive (AZ)	456 622	Hart-Rose, Betty Jean (MO)
303 670	McConnell, Paul (NM)	382 643	Williamson, Christine (IL)	460 621	Penhallurick, John (Australia)
307 669	Bever, Emily (FL)	382 643	Ross, Carolyn (FL)	461 620	Osland, Gregory (IN)
307 669	Kritchevsky, Evelyn (PA)	382 643	Dorman, Jean (NY)	461 620	Frechette, Richard (NH)
307 669	Andres, Brad (VA)	386 641	Sigsbee, James (FL)	461 620	Ickes, Roy (PA)
307 669	Cairo, Warren (NY)	386 641	Haldeman, Mike (PA)	461 620	Mencotti, Mike (MI)
311 668	Worthington, Pete (SC)	386 641	Pippen, Jeffrey (NC)	465 619	Richard, Carroll (SC)
311 668	Robb, Roger (OR)	389 639	Knaus, Ron (CA)	465 619	Meyer, Wayne (TX)
311 668	Stoecker, Don (MT)	389 639	Mahler, Glenn (NJ)	467 618	Fekel, Francis (TN)
311 668	LeVine, John (CA)	389 639	Separd, Kathleen (CA)	467 618	Detwiler, Henry (AZ)
315 667	Hardister, John (NC)	389 639	Mirick, Stephen (NH)	467 618	Peterson, Stacy (ID)
315 667	Hazelwood, Susan (MO)	393 638	Bower, Jean (NJ)	470 617	Felker, Linda (MN)
315 667	Sherrell, Paul (OR)	393 638	Bower, James (NJ)	470 617	Brooks, James (TN)
318 666	Fredricks, Gary (WA)	393 638	Parsons, Robert (MB)	470 617	Pittman, Galen (KS)
319 665	Smith, David (OR)	393 638	Woodard, Jimmy (OK)	473 616	Keferl, Eugene (GA)
319 665	Sarno, Winnie M. (OH)	397 637	Percival, Brandon (CO)	473 616	Cook, William (NY)
319 665	LaBar, Bruce (WA)	397 637	Dilks, Stephen (MO)	473 616	West, Steve (NM)
319 665	Pittell, Robert (FL)	397 637	Duerksen, Russell (AZ)	473 616	Jensen, Charles L. (NM)
319 665	LeVine, Irma (CA)	400 636	Rolle, Kevin (HI)	473 616	Komar, Nicholas (CO)
324 664	Hodne, Garrett (TX)	400 636	Berlin, Kenneth (MD)	478 615	Barnes, Satch "Wain" (MD)
324 664	Thayer, Peter (FL)	400 636	Herold, James H. (WY)	479 614	Coleman, Daniel (TX)
326 663	Finch, Warren (CO)	403 635	Matthiessen, Matthew (CA)	480 612	Pasterczyk, Cathy (DC)
326 663	Simon, Vicki (TX)	403 635	Mahler, Eileen (NJ)	480 612	Heyerly, Dan (OR)
326 663	Withgott, Jay (OR)	403 635	Mills, Charles (IN)	482 611	Hayes, Michael (TX)
329 662	Saunders, Norman (MD)	406 634	Nistico, Paul (MD)	482 611	Spalding, Oakes (MA)
330 661	Swanson, Phil (NE)	406 634	Slattery, Ed (MA)	482 611	Attridge, Barry (ON)

35 1309 Elliott, Barbara (CA)
36 1293 Currie, Hugh (ON)
36 1293 Turner, Henry (NY)
38 1281 Colyer, Richard (PA)
39 1258 Fitch, John (CA)
40 1255 Timm, Richard (PA)
41 1247 Greaves, Edward (CA)
42 1243 Kahle, Anne (CA)
43 1238 Green, Clive (AZ)
43 1238 Barrett, Bruce (CA)
45 1234 Spruance, Preston (CA)
46 1233 Chaffin, David (TN)
47 1214 Derven, Peter (CO)
48 1201 Wachtler, Gloria (MN)
48 1201 Wachtler, Richard (MN)
50 1197 Jickling, Bob (CO)
51 1196 Miller, Richard "Rick" (ON)
52 1189 West, Steve (NM)
53 1188 Moore, Robert (TX)
54 1174 Stirling, David (BC)
55 1167 Menart, Tony (FL)
56 1164 Burton, Kenneth (CA)
57 1163 MacKenzie, Jo Ann (BC)
58 1156 Toochin, Michael (BC)
59 1150 Wilt, Richard (AZ)
60 1149 Machover, Robert (NJ)
61 1145 Reber, Barbara (CA)
62 1131 Peake, Richard (TX)
63 1123 Bergstrom, Bradley J. (GA)
64 1120 Butcher, Greg (MD)
65 1116 Evanson, Randall (FL)
66 1113 Mark, David (NY)
67 1112 Ceballos-Lascurain, Hector (Mexico)
68 1111 Sayre, Phillip (CA)
69 1109 Sifford, J. W. (TX)
70 1104 Andres, Brad (VA)
71 1090 Freeland, David (FL)
72 1087 Attridge, Barry (ON)
73 1075 Tufts, Gordon W. (NS)
74 1067 Grenfell, Bill (CA)
75 1065 Kanareff, Sharon (PA)
76 1063 u Beall, Dennis (CA)
77 1059 Faike, Elise (ID)
78 1057 Faike, David (ID)
78 1057 u Conley, Pamela (CA)
80 1048 Bono, Peter (CT)
81 1047 Reeve, Leonard (OH)
82 1045 Osland, Gregory (IN)
83 1043 Pereksta, David (CA)
84 1039 Vandermeer, Virginia L. (CA)
84 1039 TerLouw, Joe (WA)
86 1033 Wade, M. K. Edge (MO)
87 1027 Guse, Kevin (CA)
88 1022 Vannoy, Donald (KS)
89 1021 Matherly, Steven (TX)
90 1019 Newfield, Nancy L. (LA)
91 1008 Thayer, Peter (FL)
92 998 McGregor, Ian (WA)
93 993 Hargrove, Jim (TX)
94 983 Hamilton, Nita (CT)
95 975 Hamilton, Lavonne B. (CA)
96 973 Zeillemaker, Fred (ID)
97 971 Hargrove, Linda (TX)
98 959 Carter, Kris (ID)
99 958 Keller, Paul (CA)
100 952 Peebles, Gary (CA)
101 949 Tull, Eric (AB)
102 946 Withgott, Jay (OR)
103 942 Kaplan, Daniel (NC)
104 941 Grief, Gordon (MB)
104 941 Komar, Nicholas (CO)
106 932 Brooks, James (TN)
107 930 Barden, Olivier (QC)
107 930 Bartlett, H. Thomas (OH)
109 912 Martin, Ron (ND)
110 909 Schlegel, Tom (Switzerland)
111 904 Pedro, Carlos (RI)

112 887 Bumgardner, Frank D. (TX)
113 881 Laubach, Rene (MA)
114 856 Gorman, William (NY)
115 853 Hopper, Rachel (CO)
116 852 Oldenettel, Jerry (NM)
116 852 Snetsinger, Thomas (OR)
118 843 Allaire, Kenneth (NY)
119 840 Hall, Jeffrey (NJ)
120 837 Meyer, Jonathan (UK)
121 827 Lister, Steve M. (UK)
122 822 Schall, Thomas E. (TX)
123 819 Hall, Megan C. (UK)
124 814 Sanders, Jeffrey (IL)
125 806 Matthiessen, Matthew (CA)

MEXICO — 1071

1 960 Mellor, Norman H. (CA)
2 867 Taylor, Rick (AZ)
3 856 Ryan, Richard (NJ)
4 847 Huffman, Ronald (TX)
5 822 Forster, Daniel (FL)
6 816 Demaree, Salome (AZ)
6 816 Gambill, Mary "Louise" (TX)
6 816 Gambill, Charles "Red" (TX)
6 816 Canterbury, Dan (FL)
10 806 Berger, Byron (OH)
11 805 Palmer, Richard (AZ)
12 791 Ceballos-Lascurain, Hector (Mexico)
13 770 Stilwell, Elton (TX)
14 750 San Miguel, Mike (CA)
15 744 Kaestner, Hank (MD)
16 741 Gee, John (TX)
17 731 Boesman, Peter (Belgium)
18 720 Irvin, Richard (ID)
19 715 Johnson, Bud (AZ)
20 708 Jones, Daniel (TX)
21 707 Bates, Bob (AZ)
22 703 Bridges, Dan (CO)
23 698 Elliott, Bruce (CA)
24 686 Wilson, Jeff (TN)
25 678 Ribble, Barbara (TX)
26 675 Cederlund, Claes-Goran (Sweden)
27 671 Van Beirs, Mark (Belgium)
28 669 Walton, Robert (IN)
29 664 Overton, Michael D. (IA)
30 653 Easley, Kevin (FL)
31 648 Scott, Derek (Ireland)
31 648 Myers, Dollyann (TN)
33 647 Master, Bernard (OH)
34 644 Jacobson, Daniel (TN)
35 637 Bates, Dee (AZ)
36 633 Rostron, Philip (TX)
37 632 Eidel, Jim (NV)
37 632 Kaestner, Peter (Brazil)
39 628 Edwards, Carol E. (TX)
40 623 Bauer, Paul (MO)
41 620 Lasley, Greg (TX)
42 613 Overman, Karl (MI)
43 610 Green, Clive (AZ)
44 608 Banstorp, Ebbe (CA)
44 608 Dowling, William (FL)
46 602 Greensmith, Alan (UK)
46 602 Dowling, Helen (FL)
48 595 Wyatt, Betty P. (CA)
48 595 Witzeman, Robert (AZ)
50 591 Moore, Robert (TX)
51 589 Dexter, Coen (CO)
52 588 Wright, Brenda (CO)
53 587 Fitch, John (CA)
53 587 Pashley, David (VA)
55 582 Osland, Gregory (IN)
56 581 Braun, Charles (SC)
56 581 Klauber, David (NY)
58 580 Alberico, Cindy (IL)
59 576 Berlin, Kenneth (MD)
60 571 Mulligan, Mike (AB)
60 571 Witzeman, Janet (AZ)

62 570 Easley, Charles (TX)
62 570 Brooks, Jane (FL)
64 567 Ribble, John (TX)
65 565 Miller, Richard "Rick" (ON)
66 562 Knaus, Ron (CA)
67 556 Burton, Kenneth (CA)
68 551 Haldeman, Mike (PA)
69 550 Jickling, Bob (CO)
70 547 Machover, Robert (NJ)
71 536 Stirling, David (BC)
72 535 Fox, Robert (MA)
73 534 Broadbooks, N. Bruce (CA)
74 532 Menart, Tony (FL)
75 527 Paul, Leonard (MI)
76 524 Timm, Richard (PA)
76 524 Salvadori, Antonio (ON)
78 522 Spruance, Preston (CA)
78 522 Gochfeld, Michael (NJ)
80 519 Boyd, Roger L. (KS)
81 515 Engleman, Dodge (TX)
82 512 Narins, David (FL)
82 512 Burden, Kenneth (WA)
84 508 Ledec, George (VA)
85 506 Kutska, Michael R. (IL)
86 503 Jordan, Chris (TX)
86 503 Bradley, Robert (CO)
88 502 Biggs, Wes (FL)
89 499 Engleman, Lorna (TX)
90 495 Yoder, Lee (NC)
90 495 Burkhart, Kathleen (FL)
90 495 Vermeulen, Jan (Netherlands)
90 495 Hatcher, Elizabeth (AZ)
90 495 Salzman, Eric (NY)
95 494 Loftin, Horace (NC)
96 492 Withgott, Jay (OR)
97 491 Hood, Larry (IL)
98 488 Currie, Hugh (ON)
98 488 Knittle, Ken (WA)
100 486 Hamilton, John L. (CA)
100 486 Mahler, Glenn (NJ)
100 486 Kersting, Cecil (LA)
103 481 Pedro, Carlos (RI)
104 477 Hays, Jim (AZ)
105 475 Byrne, Dick (Scotland)
105 475 Bedient, Phillip E. (MA)
105 475 Wyatt, Caroline (FL)
108 473 Poisson, Guy (QC)
109 470 Swift, Byron (DC)
110 469 Mahler, Eileen (NJ)
111 466 Edwards, Martin H. (ON)
112 464 Komito, Sandy (NJ)
112 464 Cobb, John (CO)
114 461 Chartier, Allen (MI)
115 456 Derven, Peter (CO)
116 455 Reber, Barbara (CA)
117 452 Strasser, Voni (PA)
117 452 Strasser, Joseph (PA)

CENTRAL AMERICA — 1184

1 980 Engleman, Dodge (TX)
2 955 Engleman, Lorna (TX)
3 938 Taylor, Rick (AZ)
4 918 Mulligan, Mike (AB)
5 915 Ryan, Richard (NJ)
6 905 West, Steve (NM)
7 876 Kaestner, Hank (MD)
8 866 Kaestner, Peter (Brazil)
9 858 Macaulay, Linda (CT)
9 858 Macaulay, Bill (CT)
11 847 Waldrop, Rick (TN)
12 831 Canterbury, Dan (FL)
13 813 Angehr, George (AA)
14 808 Lucchesi, Caryl (CT)
15 805 Klauber, David (NY)
16 795 Walton, Robert (IN)
16 795 Ledec, George (VA)
18 778 Easley, Kevin (FL)

19 774 u Coullon, Bridgt A. (ME)
 20 772 **Loftin, Horace (NC)**
 21 764 **Irvin, Richard (ID)**
 22 758 **Hood, Larry (IL)**
 23 747 Demaree, Salome (AZ)
 24 745 Sargeant, Dave (Oman)
 25 743 **Forster, Daniel (FL)**
 26 737 **Vermeulen, Jan (Netherlands)**
 27 726 Rapp, Bill (CA)
 28 718 **Jornvall, Hans (Sweden)**
 29 714 **Deifik, David (NH)**
 30 710 Patten, Harvey L. (LA)
 31 705 **Gochfeld, Michael (NJ)**
 32 690 **Cederlund, Claes-Goran (Sweden)**
 33 688 **Doughty, Chris (Australia)**
 34 687 **Edwards, Martin H. (ON)**
 35 681 Greensmith, Alan (UK)
 36 680 **Ambrose, Robert (AZ)**
 37 678 Scott, Derek (Ireland)
 38 675 **Nye, Elaine (CT)**
 39 674 **Dowling, William (FL)**
 40 671 **Kersting, Cecil (LA)**
 41 669 **Dowling, Helen (FL)**
 42 660 **Alberico, Cindy (IL)**
 42 660 **Anderson, Kathleen S. (MA)**
 44 659 Strasser, Voni (PA)
 44 659 Strasser, Joseph (PA)
 44 659 Master, Bernard (OH)
 47 658 **Hewitt, Mary (NM)**
 48 652 Haldeman, Mike (PA)
 49 651 **Sidler, M. Christine (RI)**
 50 644 **Berlin, Kenneth (MD)**
 51 642 Boesman, Peter (Belgium)
 52 639 Wilt, Richard (AZ)
 53 637 Easley, Steven (ND)
 54 628 Colyer, Richard (PA)
 54 628 Myers, Dollyann (TN)
 56 624 Huffman, Ronald (TX)
 57 618 Witt, Terry (TN)
 58 615 **Turner, Henry (NY)**
 59 613 **Cobb, John (CO)**
 60 603 Chartier, Allen (MI)
 61 600 San Miguel, Mike (CA)
 61 600 Butcher, Greg (MD)
 63 598 **Bouton, William (CA)**
 64 594 Newfield, Nancy L. (LA)
 64 594 **Hardister, John (NC)**
 66 592 Chantler, Dave (WA)
 67 587 Collins, John (NY)
 67 587 Bain, Margaret (ON)
 67 587 Padelford, Loren (NE)
 70 584 **Timm, Richard (PA)**
 71 582 **Narins, David (FL)**
 72 580 **Fitch, John (CA)**
 72 580 Padelford, Barbara (NE)
 74 577 **Paul, Leonard (MI)**
 75 576 Broadbooks, N. Bruce (CA)
 76 569 Spruance, Preston (CA)
 77 564 Salvadori, Antonio (ON)
 78 563 **Green, Clive (AZ)**
 78 563 **Bristow, Paul (ON)**
 80 562 **Overman, Karl (MI)**
 81 560 **Menart, Tony (FL)**
 81 560 **Lyon, Charles (LA)**
 83 559 Noonan, Gabriel (Ireland)
 84 558 **Carter, Robin (SC)**
 84 558 **Eastman, Caroline (SC)**
 86 552 Newman, Steve (UK)
 86 552 Murgatroyd, Paul (VA)
 88 551 **Moore, Robert (TX)**
 89 550 Johnson, Lee G. (IL)
 90 543 **Drummond, John (VA)**
 90 543 **Wells, John (CT)**
 92 542 **Riding, Keith (BC)**
 92 542 **Burden, Kenneth (WA)**
 94 539 **Powers, Ward (FL)**
 95 538 Casebolt, Gerald (OR)

96 536 **Rondon, Fernando E. (VA)**
 97 535 **Barden, Olivier (QC)**
 98 532 Meyer, Joyce (WA)
 98 532 Mahler, Eileen (NJ)
 100 531 **Reeve, Leonard (OH)**
 101 527 **Center, Jonathan (MA)**
 101 527 u Anderson, Bjorn (China)
 103 526 Currie, Hugh (ON)
 104 522 Hamilton, John L. (CA)
 105 519 Braun, Charles (SC)
 106 517 **Kahle, Anne (CA)**
 107 516 **Wachtler, Gloria (MN)**
 107 516 **Wachtler, Richard (MN)**
 107 516 **Forsythe, Dennis M. (SC)**
 110 515 **Andres, Brad (VA)**
 111 513 Mahler, Glenn (NJ)
 111 513 **Witzeman, Robert (AZ)**
 113 511 Toochin, Michael (BC)
 114 507 **Fox, Robert (MA)**
 115 505 MacKenzie, Jo Ann (BC)
 116 503 **Witzeman, Janet (AZ)**
 117 502 **Peake, Richard (TX)**

WEST INDIES / CARIBBEAN — 629

1 377 **Canterbury, Dan (FL)**
 2 355 **Walton, Robert (IN)**
 3 352 **Burden, Kenneth (WA)**
 4 346 Master, Bernard (OH)
 5 344 **Brooks, James (TN)**
 6 335 **Engleman, Dodge (TX)**
 7 330 **Engleman, Lorna (TX)**
 8 326 Mahler, Eileen (NJ)
 9 325 Braun, Charles (SC)
 10 323 Mahler, Glenn (NJ)
 10 323 **Kaestner, Hank (MD)**
 12 321 **White, Tony (MD)**
 13 316 **Powers, Ward (FL)**
 14 312 Greensmith, Alan (UK)
 15 308 **Fox, Robert (MA)**
 16 299 **Lucchesi, Caryl (CT)**
 17 296 Van Beirs, Mark (Belgium)
 17 296 **Gochfeld, Michael (NJ)**
 19 295 **Ickes, Roy (PA)**
 19 295 **Jornvall, Hans (Sweden)**
 21 294 **Bowen, Michael (MD)**
 21 294 **Bowen, Joy (MD)**
 23 290 **Kaestner, Peter (Brazil)**
 24 287 Betton, Keith (UK)
 25 284 Rapp, Bill (CA)
 26 283 Sargeant, Dave (Oman)
 27 282 **Irvin, Richard (ID)**
 28 281 **Hood, Larry (IL)**
 29 279 **Kersting, Cecil (LA)**
 29 279 Brooks, Jane (FL)
 31 270 **Sykes, Paul (GA)**
 31 270 **Lehnert, Juergen (Germany)**
 33 269 **Narins, David (FL)**
 34 263 **Rose, B.J. (MO)**
 35 260 **Freeland, David (FL)**
 36 258 Currie, Hugh (ON)
 36 258 **Duxbury-Fox, Dana (MA)**
 38 257 **Macaulay, Linda (CT)**
 38 257 **Macaulay, Bill (CT)**
 40 254 **Edwards, Martin H. (ON)**
 41 252 **Hardister, John (NC)**
 41 252 **Biggs, Wes (FL)**
 43 244 **Klauber, David (NY)**
 44 241 **Ledec, George (VA)**
 45 240 Smith, Roy (ON)
 46 239 Chartier, Allen (MI)
 46 239 **Sidler, M. Christine (RI)**
 48 238 **Bristow, Paul (ON)**
 49 236 Lister, Steve M. (UK)
 49 236 **Anderson, Kathleen S. (MA)**
 51 235 Waldrop, Rick (TN)
 51 235 **Berlin, Kenneth (MD)**
 51 235 Elliott, Barbara (CA)

54 234 Bain, Margaret (ON)
 55 233 Hall, Megan C. (UK)
 56 231 Ryan, Richard (NJ)
 57 228 Scott, Derek (Ireland)
 58 227 **Hewitt, Mary (NM)**
 59 211 **Mellor, Norman H. (CA)**
 59 211 Broadbooks, N. Bruce (CA)
 61 209 Attridge, Barry (ON)
 62 207 Tufts, Gordon W. (NS)
 62 207 Johnson, Lee G. (IL)
 64 204 **Smith, Edwin (MI)**
 65 202 **Dowling, Helen (FL)**
 65 202 **Dowling, William (FL)**
 67 201 **Holbrook, Robert (MD)**
 67 201 **Forsythe, Dennis M. (SC)**
 69 199 **Green, Clive (AZ)**
 70 198 **Smith, Shirley (MI)**
 71 196 **Del Hoyo, Josep (Spain)**
 72 195 Strasser, Voni (PA)
 72 195 Strasser, Joseph (PA)
 72 195 **Derven, Peter (CO)**
 72 195 **Overman, Karl (MI)**
 76 194 Myers, Dollyann (TN)
 77 193 Byrne, Dick (Scotland)
 78 191 Jickling, Bob (CO)
 78 191 **Miller, Richard "Rick" (ON)**
 80 190 **Wells, John (CT)**
 81 186 **Cosner, Kin (TN)**
 82 185 MacKenzie, Jo Ann (BC)
 83 184 **Reeve, Leonard (OH)**
 84 180 Panthong, Panadda (Thailand)
 85 179 Wilt, Richard (AZ)
 85 179 Meyer, Pat (AL)
 87 178 **Loftin, Horace (NC)**
 88 176 **Wilburn, Phyllis (CA)**
 89 175 **Easley, Kevin (FL)**

PHOTOGRAPHED - ABA AREA

1 764 Burns, Jim (AZ)
 2 763 **Rose, B.J. (MO)**
 3 714 Schlegel, Tom (Switzerland)
 4 712 **Greaves, Edward (CA)**
 5 705 **Hollinga, Ken (VA)**
 6 703 Komito, Sandy (NJ)
 7 701 **Leupold, James (VA)**
 8 672 **Meyers, Martin (CA)**
 9 666 Swanson, Phil (NE)
 10 647 **Lasley, Greg (TX)**
 11 646 **Moore, Donald (FL)**
 12 635 **Carlson, W. Bradley (NY)**
 13 632 Berger, Byron (OH)
 14 627 Oldenettel, Jerry (NM)
 15 625 Miles, Clifford (NJ)
 15 625 Stilwell, Elton (TX)
 17 624 **Nelson, David W. (CA)**
 18 621 Stecher, Karl (CO)
 19 616 **Wulkowicz, Stanley (CA)**
 20 606 **Hagen, Sherry (WA)**
 21 593 **Grenfell, Bill (CA)**
 22 587 **Haw, James (IN)**
 23 562 **Nistico, Paul (MD)**
 24 559 **Emmons, Steven (CA)**
 25 557 Chartier, Allen (MI)
 26 556 **Morris, Bernard (PA)**
 27 537 McWilliams, Gerald (PA)
 28 536 **Gifford, Charles (VT)**
 29 532 **Rogers, Tommie (MO)**
 30 531 **Wilson, Jeff (TN)**
 31 530 **Lebo, Harold (PA)**
 32 529 **Burden, Kenneth (WA)**
 33 509 **Hyett, Marvin (NJ)**
 34 501 **Gatchet, John Francis (OR)**
 35 500 **Gorman, William (NY)**
 36 487 **Machover, Robert (NJ)**
 37 485 **Siegel, Steven (FL)**
 38 466 **Matherly, Steven (TX)**
 38 466 **Oliphant, Mitchell (OK)**

40 463 Delorey, Alan (NH)
41 456 Cassady, John (IN)
 42 453 Traylor, Donna (NJ)
43 450 Ellenberg, Richard (NM)
44 447 Peake, Richard (TX)
 45 446 Attridge, Barry (ON)
46 443 Rogers, Michael M. (CA)
 46 443 Allen, Reid (IA)
48 437 Matthiessen, Matthew (CA)
49 435 Pereksta, David (CA)
50 432 Graf, Leonard (MI)
51 431 Moore, Robert (TX)
52 430 Osenton, Peter (MD)
 52 430 Rose, Joshua (NC)
 52 430 Neily, Larry (ON)
 55 424 Shaw, Jan (TN)
56 423 Resch, Michael (MA)
57 408 Ward, Ken (VT)
 58 406 Finizia, Daniel (RI)
59 401 Argabrite, Wendell (WV)
60 400 McMahan, Jeri (OK)
60 400 Guse, Kevin (CA)
62 399 Powers, Edwin (IN)
 63 394 Bumgardner, Michael (CA)
63 394 Sanders, Ira (CO)
 65 392 Gorbet, Larry (NM)
66 377 Murray, Tom (MA)
67 375 Hodne, Garrett (TX)
68 369 Metzler, Robert (TX)
69 368 Putman, Robert (FL)
70 365 Detwiler, Henry (AZ)
71 358 Zeillemaker, Fred (ID)
 72 357 Pomerantz, David (CA)
72 357 Hall, Jeffrey (NJ)
 74 356 Capobianco, Peter (RI)
75 350 Cabe, Dick (CA)
75 350 Cabe, Patricia (CA)
 77 349 Maulding, Rick (OR)
78 347 Maulding, Sylvia (OR)
 79 331 McDaniel, John (MI)
79 331 Cady, Wilson (WA)
 81 330 Fisher, Karen (IL)
82 326 Steurer, Timothy (CA)
 83 310 Pike, Ralph (KS)
84 309 Smith, Kevin (OR)
 85 305 Burroughs, Ed (VA)
85 305 Todd, Michael (TN)
 87 297 Zabriskie, James (NM)
88 291 Bumgardner, Frank D. (TX)
89 284 Brooks, James (TN)
90 278 Brogie, Mark A. (NE)
91 275 Nichols, Ladonna (AR)
 92 258 Allinson, David (BC)
 93 255 Wile, Michael (WA)
 94 251 Barnes, Satch "Wain" (MD)

EUROPE & WESTERN PALEARCTIC — 972

1 656 Ashby, Vaughan (UK)
 2 653 Dufourny, Hugues (Belgium)
 3 645 Fisher, David (UK)
4 642 Moyle, Raymond (UK)
5 636 Mitchell, Dominic (UK)
 6 626 Greensmith, Alan (UK)
 7 611 Sibley, Jean-Philippe (France)
 8 604 Clark, John (UK)
 9 603 Sargeant, Dave (Oman)
 10 602 Lister, Steve M. (UK)
 11 601 u Anderson, Bjorn (China)
 12 584 Betton, Keith (UK)
13 579 Jornvall, Hans (Sweden)
 14 577 Bekaert, Luc (Belgium)
 15 574 Schollaert, Valery (Belgium)
 16 569 Passant, Mike (UK)
 17 558 Hall, Megan C. (UK)
 18 551 Boesman, Peter (Belgium)
18 551 Vermeulen, Jan (Netherlands)
 20 545 Van Beirs, Mark (Belgium)

20 545 Lehnert, Juergen (Germany)
 22 535 Scott, Derek (Ireland)
23 534 Turner, Henry (NY)
 24 532 Schlegel, Tom (Switzerland)
 25 530 Byrne, Dick (Scotland)
 26 528 Gullick, Tom (Spain)
 26 528 Zaremba, Stefan (BC)
 28 524 Smith, Roy (ON)
 29 522 Couronne, Bernard (France)
30 493 Buck, Hugh (Cyprus)
31 489 Walton, Robert (IN)
 32 487 Van Sanden, Paul (Belgium)
 33 484 Syvertsen, Per Ole (Norway)
 34 482 Noonan, Gabriel (Ireland)
 35 474 u Coullon, Bridgt A. (ME)
36 467 Drummond, John (VA)
37 465 Fenn, Colin (UK)
 38 458 Stilwell, Elton (TX)
 39 453 Meyer, Pat (AL)
40 452 Kaestner, Hank (MD)
41 449 Oliosio, Georges (France)
42 442 Campbell, Colin (DE)
 42 442 Newman, Steve (UK)
 44 434 Homan, Dick (MD)
45 430 Landry, Peter (QC)
46 427 Del Hoyo, Josep (Spain)
47 401 Lebo, Harold (PA)
 48 389 Munthe, Jens (UT)
 48 389 Herlyn, Hendrik (OR)
50 384 Overman, Karl (MI)
51 383 Stirling, David (BC)
 52 379 Munthe, Kathleen (UT)
 53 376 Mahler, Eileen (NJ)
 53 376 Mahler, Glenn (NJ)
55 373 Edwards, Martin H. (ON)
55 373 Doughty, Chris (Australia)
 57 372 Braun, Charles (SC)
57 372 Bono, Peter (CT)
59 370 Menart, Tony (FL)
60 369 Irvin, Richard (ID)
61 368 Berlin, Kenneth (MD)
62 367 Loftin, Horace (NC)
63 355 Gilchrist, Peter (ON)

ASIA — 2745

1 2321 Buck, Hugh (Cyprus)
2 1848 Cederlund, Claes-Goran (Sweden)
 3 1806 Van Beirs, Mark (Belgium)
 4 1788 Scott, Derek (Ireland)
5 1752 Narins, David (FL)
6 1745 Kaestner, Peter (Brazil)
7 1716 Kaestner, Hank (MD)
 8 1710 Greensmith, Alan (UK)
9 1705 Lehnert, Juergen (Germany)
10 1700 Edwards, Martin H. (ON)
 11 1676 Gullick, Tom (Spain)
 12 1674 Carter, Clide (South Africa)
 13 1644 Sargeant, Dave (Oman)
 14 1516 u Anderson, Bjorn (China)
 15 1509 Armstrong, Thais (WA)
 16 1508 Armstrong, Howard (WA)
17 1473 Hewitt, Mary (NM)
18 1456 Jornvall, Hans (Sweden)
19 1443 Walton, Robert (IN)
20 1407 Drummond, John (VA)
 21 1397 Meyer, Pat (AL)
22 1393 Doughty, Chris (Australia)
23 1390 Del Hoyo, Josep (Spain)
24 1359 Vermeulen, Jan (Netherlands)
 25 1358 Braun, Charles (SC)
26 1292 Nye, Elaine (CT)
 27 1284 Brooks, Jane (FL)
28 1278 Irvin, Richard (ID)
 29 1263 Byrne, Dick (Scotland)
 30 1252 Broadbooks, N. Bruce (CA)
31 1238 Hardister, John (NC)
 31 1238 Penhallurick, John (Australia)

33 1182 Hood, Larry (IL)
 34 1180 Witt, Terry (TN)
 35 1169 Couronne, Bernard (France)
 36 1168 Passant, Mike (UK)
37 1110 Lucchesi, Caryl (CT)
38 1094 Dowling, William (FL)
 39 1085 Mahler, Glenn (NJ)
 40 1082 Mahler, Eileen (NJ)
41 1074 Dowling, Helen (FL)
 42 1071 Lister, Steve M. (UK)
 43 1036 Betton, Keith (UK)
 44 1034 Ziarno, Gerald (MI)
44 1034 Cole, Kenneth (DC)
 46 1023 Chantler, Dave (WA)
47 1013 Kahle, Anne (CA)
48 1008 Gochfeld, Michael (NJ)
49 1005 Ickes, Roy (PA)
50 1000 Jones, Ralph (CO)
51 999 Macaulay, Linda (CT)
51 999 Macaulay, Bill (CT)
 53 986 Master, Bernard (OH)
 54 979 Hall, Megan C. (UK)
55 976 Engleman, Dodge (TX)
 56 974 Hoff, Ron (TN)
57 961 Bono, Peter (CT)
 58 960 Pozzo, Eric (OR)
59 930 Green, Clive (AZ)
 60 911 Clark, John (UK)
61 908 Engleman, Lorna (TX)
 62 901 Panthong, Panadda (Thailand)
63 878 Jones, Marguerite (CO)
64 877 Kersting, Cecil (LA)
 65 871 MacKenzie, Jo Ann (BC)
66 870 Burden, Kenneth (WA)
 67 866 Myers, Dollyann (TN)
68 861 Stirling, David (BC)
 69 860 MacKenzie, Hue (BC)
 70 845 Borden, Walter (GA)
71 838 Bristow, Paul (ON)
 72 832 Van Sanden, Paul (Belgium)
 73 831 Schlegel, Tom (Switzerland)
74 796 Fitch, John (CA)
74 796 Bouton, William (CA)
76 787 Gawn, Simon (ON)
 77 781 Bekaert, Luc (Belgium)
 78 756 Russell, David (OR)
 79 748 Newman, Steve (UK)
 80 744 Toochin, Michael (BC)
 81 705 Syvertsen, Per Ole (Norway)
82 685 Almdale, Charles (CA)
82 685 Sidler, M. Christine (RI)
 84 683 Attridge, Barry (ON)
85 679 Riding, Keith (BC)
 86 678 Murphy, Tim (Australia)
87 677 Johnson, Lillian (CA)
 88 664 Salvadori, Antonio (ON)
 89 651 Currie, Hugh (ON)
90 632 Witzeman, Robert (AZ)
91 630 Witzeman, Janet (AZ)
 92 629 Evanson, Randall (FL)
93 628 Menart, Tony (FL)
94 625 Fenn, Colin (UK)
 95 623 O'Neill, Patty (MA)
 96 621 Strasser, Voni (PA)
 96 621 Strasser, Joseph (PA)
98 617 Loftin, Horace (NC)
99 600 Wathen, Laura (CO)

WORLD — 9838

1 8324 Gullick, Tom (Spain)
2 7895 Kaestner, Peter (Brazil)
 3 7859 Hornbuckle, Jon (UK)
 4 7755 Winter, George "Pete" (MO)
 5 7517 Danzenbaker, John D. (NJ)
6 7493 Edwards, Martin H. (ON)
 7 7355 Gee, John (TX)
 8 7336 Rostron, Philip (TX)

9	7187	Buck, Hugh (Cyprus)	86	4634	Passant, Mike (UK)	163	3479	Haldeman, Mike (PA)
10	7185	Thompson, Joe (CA)	87	4610	Bono, Peter (CT)	164	3477	Van Beirs, Kathleen (Belgium)
11	7164	Greensmith, Alan (UK)	88	4584	Bailey, Stephen F. (CA)	165	3454	Evanson, Randall (FL)
12	7136	Walton, Robert (IN)	89	4537	Traver, Donna (NY)	166	3445	Lebo, Harold (PA)
13	7125	Van Beirs, Mark (Belgium)	89	4537	Traver, Donald (NY)	167	3433	Bekaert, Luc (Belgium)
14	7123	Clements, James (CA)	91	4481	Sidler, M. Christine (RI)	168	3431	Baum, Brian (CA)
15	7112	Rapp, Bill (CA)	92	4441	Kahle, Anne (CA)	169	3425	Lyon, Charles (LA)
16	6994	Cederlund, Claes-Goran (Sweden)	93	4417	MacClendon, Travis (FL)	170	3411	Hagen, Ed (CT)
17	6935	Narins, David (FL)	94	4410	Donsker, David (NH)	171	3407	Fox, Robert (MA)
18	6893	Bates, Bob (AZ)	95	4408	Hamilton, John L. (CA)	172	3373	Riding, Keith (BC)
19	6758	Scott, Derek (Ireland)	96	4399	Burden, Kenneth (WA)	173	3372	Peavler, Larry (IN)
20	6731	Hewitt, Mary (NM)	97	4394	Sinclair, Ian (South Africa)	174	3371	Klauber, David (NY)
21	6689	Lehnert, Juergen (Germany)	98	4352	Armstrong, Thais (WA)	175	3352	Lacoss, Dennis (NM)
22	6585	Huffman, Ronald (TX)	99	4351	Ambrose, Robert (AZ)	176	3349	Fitch, John (CA)
23	6563	Kaestner, Hank (MD)	100	4350	Beaton, R. Gifford (SC)	177	3325	Parmeter, John (NM)
24	6545	Jornvall, Hans (Sweden)	101	4317	Derven, Peter (CO)	178	3322	Paul, Leonard (MI)
25	6455	Brooks, Jane (FL)	102	4309	Jones, Ralph (CO)	179	3319	Noonan, Gabriel (Ireland)
26	6391	Nagstaff, John (UK)	103	4288	Currie, Hugh (ON)	180	3313	Eastman, Roger (MD)
27	6360	Fisher, David (UK)	104	4284	Peake, Richard (TX)	180	3313	Foxall, Roger (BC)
28	6206	Vermeulen, Jan (Netherlands)	105	4282	Edwards, Carol E. (TX)	182	3299	Salzman, Eric (NY)
29	6151	Sargeant, Dave (Oman)	106	4267	Elliott, Barbara (CA)	183	3296	Prytherch, Kenneth (NJ)
30	6074	Braun, Charles (SC)	107	4237	Overman, Karl (MI)	184	3289	Wathen, Laura (CO)
31	6024	Hardister, John (NC)	108	4208	Simansky, Bob (NJ)	185	3281	McMahony, Jeri (OK)
32	6014	Gruneberg, Daniel (UK)	109	4165	Wells, LaRue (MI)	186	3279	Hamilton, Lavonne B. (CA)
33	5981	Dowling, William (FL)	110	4149	Chandik, Ted (CA)	187	3275	Ridgely, Beverly S. (NH)
34	5952	Del Hoyo, Josep (Spain)	111	4145	Deifik, David (NH)	188	3267	Steurer, Timothy (CA)
35	5951	Byrne, Dick (Scotland)	112	4113	Murphy, William (PA)	189	3256	Ashby, Vaughan (UK)
36	5930	Dowling, Helen (FL)	113	4105	Easley, Kevin (FL)	190	3243	Barrett, Bruce (CA)
37	5924	Bates, Dee (AZ)	114	4095	Brenner, David (IL)	191	3238	Greaves, Edward (CA)
38	5896	Jordan, Pearl S. (CO)	115	4090	Funston, Bob (OK)	192	3224	Betton, Keith (UK)
39	5863	Drummond, John (VA)	116	4044	Smith, Edwin (MI)	193	3220	Gordon, Richard J. (AK)
40	5838	Mahler, Glenn (NJ)	117	4034	Bridges, Dan (CO)	194	3212	Duxbury-Fox, Dana (MA)
41	5827	u Anderson, Bjorn (China)	117	4034	Taylor, Rick (AZ)	195	3196	Newman, Steve (UK)
42	5815	Mahler, Eileen (NJ)	119	4020	Almdale, Charles (CA)	196	3195	TROTT, ANTHONY (FL)
43	5783	Doughty, Chris (Australia)	120	4011	Waldrop, Rick (TN)	197	3189	Trott, Julie (FL)
43	5783	Macaulay, Linda (CT)	121	3997	Lanzillotti, Patricia (FL)	198	3174	Rondon, Fernando E. (VA)
43	5783	Macaulay, Bill (CT)	122	3989	Ribble, Barbara (TX)	199	3172	Gardella, Larry (AL)
46	5722	Penhallurick, John (Australia)	123	3980	Van Slyck, Ellis J. (MI)	200	3168	Schollaert, Valery (Belgium)
47	5699	Broadbooks, N. Bruce (CA)	124	3965	Salvadori, Antonio (ON)	201	3152	Thayer, Peter (FL)
48	5671	Hood, Larry (IL)	125	3955	Johnson, Lillian (CA)	202	3143	Van Sanden, Paul (Belgium)
49	5647	Master, Bernard (OH)	126	3953	MacKenzie, Jo Ann (BC)	203	3127	Meyer, Joyce (WA)
50	5630	Meyer, Pat (AL)	127	3952	MacKenzie, Hue (BC)	204	3100	Toochin, Michael (BC)
51	5618	Gochfeld, Michael (NJ)	128	3896	Tillinghast, Phyllis (PA)	205	3095	Hocevar, Charles (SC)
52	5609	Irvin, Richard (ID)	129	3895	u Coullon, Bridgt A. (ME)	206	3055	Woolbright, Shane (OK)
53	5589	Clark, Joan (NY)	130	3868	Wilburn, Phyllis (CA)	207	3007	Sayre, Phillip (CA)
53	5589	Clark, Joan A. (NY)	131	3860	Ribble, John (TX)	208	3006	Gardner, Byron (AZ)
55	5553	Mellor, Norman H. (CA)	132	3836	Loftin, Horace (NC)	209	2990	Zaremba, Stefan (BC)
56	5484	Myers, Dollyann (TN)	133	3831	Ziarno, Gerald (MI)	210	2978	Whelton, Bart (WA)
57	5434	Weiss, Jr., William J. (NJ)	134	3825	Smith, Shirley (MI)	211	2966	Murgatroyd, Paul (VA)
58	5407	Rydell, William (CA)	135	3823	Boesman, Peter (Belgium)	212	2957	Murphy, Tim (Australia)
59	5368	Engleman, Dodge (TX)	136	3807	Jones, Marguerite (CO)	213	2928	Lister, Steve M. (UK)
60	5359	Clark, John (UK)	137	3804	Wilt, Richard (AZ)	214	2916	Colyer, Richard (PA)
61	5338	Pucelik, Tom (IL)	138	3781	Carter, Derb (NC)	215	2902	Hoogerheide, John (TX)
62	5313	Hoff, Ron (TN)	139	3780	Commeau, Guy (CA)	216	2859	Hargrove, Jim (TX)
63	5305	Nye, Elaine (CT)	140	3770	Witzeman, Robert (AZ)	217	2839	Matherly, Steven (TX)
64	5233	Chantler, Dave (WA)	141	3768	Shrader, John (OH)	217	2839	Hargrove, Linda (TX)
65	5223	Kersting, Cecil (LA)	142	3756	Menart, Tony (FL)	217	2839	Fenn, Colin (UK)
66	5196	Lucchesi, Caryl (CT)	143	3742	Shrader, Karen (OH)	220	2834	Eidel, Jim (NV)
67	5170	Strasser, Voni (PA)	144	3730	Steurer, Grace L. (CA)	221	2833	Proniewych, Robert A. (NY)
67	5170	Strasser, Joseph (PA)	145	3718	Parmeter, Benjamin (CA)	222	2831	Hall, Megan C. (UK)
69	5146	Engleman, Lorna (TX)	146	3716	Witzeman, Janet (AZ)	223	2816	Fritzhand, James (CA)
70	5086	Pozzo, Eric (OR)	147	3714	Williamson, Jacqueline (NY)	224	2807	Collins, John (NY)
70	5086	Bouton, William (CA)	148	3704	Robertson, Doris (NM)	225	2800	Galizio, Mark (NC)
72	5084	Couronne, Bernard (France)	149	3685	Chartier, Allen (MI)	226	2759	Knaus, Ron (CA)
73	5060	Green, Clive (AZ)	150	3677	O'Neill, Patty (MA)	227	2754	Johnson, Lee G. (IL)
74	5044	Witt, Terry (TN)	151	3666	Messersmith, Donald (MD)	228	2744	Angehr, George (AA)
75	5010	Bristow, Paul (ON)	152	3655	Stirling, David (BC)	229	2716	Moore, Donald (FL)
76	4957	Berlin, Kenneth (MD)	153	3654	Holmes, James (LA)	230	2690	Coffman, R. Mike (FL)
77	4947	Carter, Clide (South Africa)	154	3602	Bain, Margaret (ON)	231	2682	Jickling, Bob (CO)
78	4814	Ledec, George (VA)	155	3586	Tufts, Gordon W. (NS)	232	2677	Williamson, John (MD)
79	4804	Ickes, Roy (PA)	156	3576	Attridge, Barry (ON)	233	2663	Coatsworth, James (CA)
80	4803	Cole, Kenneth (DC)	157	3554	Wathen, Wayne (CO)	234	2634	Burton, Kenneth (CA)
81	4763	Borden, Walter (GA)	158	3513	Kutka, Michael R. (IL)	235	2632	Clarke, James A. (TX)
82	4762	Gawn, Simon (ON)	159	3509	Swift, Byron (DC)	236	2622	Carter, Kris (ID)
83	4656	Debellvue, Robert (LA)	160	3498	Holbrook, Robert (MD)	237	2616	Ellenberg, Richard (NM)
84	4648	Casebolt, Gerald (OR)	161	3494	Forster, Daniel (FL)	238	2602	Sarno, Winnie M. (OH)
85	4638	Armstrong, Howard (WA)	162	3483	Ceballos-Lascuiran, Hector (Mexico)	239	2554	Munthe, Jens (UT)

240 2537 Vandermeer, Virginia L. (CA)
 241 2517 Palmer, Richard (AZ)
 242 2485 **Gilchrist, Peter (ON)**
 243 2481 Korol, Burke (ON)
 244 2479 Ryan, Richard (NJ)
 245 2474 **Hughes, William (AZ)**
 246 2470 Munthe, Kathleen (UT)
 247 2468 **Zeilemaker, Fred (ID)**
 248 2421 **Roloff, Mary Ann Dietrich (MI)**
 249 2411 West, Steve (NM)
 250 2410 **Powers, Ward (FL)**
 251 2403 Begg, Barbara (BC)
 252 2393 **Woolfenden, Donald (NJ)**
 253 2391 Keller, Paul (CA)
 254 2388 **Pasterczyk, Cathy (DC)**
 255 2387 **Hays, Jim (AZ)**
 256 2386 **Renson, Edward (CT)**
 257 2370 Shaw, Jan (TN)
 258 2361 **Boyd, Roger L. (KS)**
 258 2361 **Mark, David (NY)**
 260 2360 **Trost, Charles (ID)**
 261 2348 **Poisson, Guy (QC)**
 262 2346 **Kritchevsky, Evelyn (PA)**
 263 2334 Schlegel, Tom (Switzerland)
 264 2329 **Woolfenden, Doris (NJ)**
 265 2318 **Anderson, Kathleen S. (MA)**
 266 2313 Kornfeld, Steve (OR)
 267 2311 Panthong, Panadda (Thailand)
 268 2298 Lanier, Bob (TX)
 269 2287 **Miller, Richard "Rick" (ON)**
 270 2285 Theis, Jerry (AZ)
 271 2281 **Cook, William (NY)**
 272 2269 **Freeland, David (FL)**
 273 2256 Patterson, Easy (Australia)
 274 2255 Tischner, Kenneth (NJ)
 275 2211 **Carr, Steve (UT)**
 276 2209 Syvertsen, Per Ole (Norway)
 277 2203 **Meyer, Jonathan (UK)**
 278 2195 **Viola, Alfred (MA)**
 279 2189 **Wyatt, Caroline (FL)**
 280 2175 Patten, Harvey L. (LA)
 281 2169 **Bedient, Phillip E. (MA)**
 282 2166 Dexter, Coen (CO)
 283 2160 Roark, David (CA)
 284 2156 Wright, Brenda (CO)
 285 2147 **Wells, John (CT)**
 286 2133 Hunter, John (CA)
 287 2126 **Jordan, Chris (TX)**
 288 2109 **TerLouw, Joe (WA)**
 289 2106 **Patton, Helen (MD)**
 290 2097 **Copeland, David (OR)**
 291 2095 Ross, Carolyn (FL)
 292 2092 **Viola, Joy (MA)**
 293 2087 **Matthiessen, Matthew (CA)**
 294 2084 **Rose, B.J. (MO)**
 295 2075 **Sandsberry, Marian (AZ)**
 296 2067 **Turner, Henry (NY)**
 297 2062 **Kanareff, Sharon (PA)**
 298 2047 **Lesser, James (MI)**
 299 2032 **Lasley, Greg (TX)**
 300 2031 Stone, Robert (TX)
 301 2028 McBride, Karen (AZ)
 302 2026 Johnson, Jerome (CA)
 303 2007 **Grenfell, Bill (CA)**
 304 1998 Lippincott, Cindy (CO)
 305 1986 **Bowen, Michael (MD)**
 306 1982 **Holmquist, Howard (DE)**
 307 1967 **Getgood, John (VA)**
 308 1959 **Bowen, Joy (MD)**
 309 1952 **Elliott, Bruce (CA)**
 310 1951 Russell, David (OR)
 311 1949 **Johnson, Bud (AZ)**
 312 1948 Bowman, Martin (NY)
 313 1938 Charlton, Steve (QC)
 314 1935 **Cosner, Kin (TN)**
 315 1933 Horgan, Gillian (NY)
 316 1899 Toochin, Sharon (BC)

317 1884 **Brooks, James (TN)**
 318 1872 Corder, Mark (KS)
 319 1871 **Forsythe, Dennis M. (SC)**
 320 1868 **Wade, M. K. Edge (MO)**
 321 1864 **Alberico, Cindy (IL)**
 322 1856 **Schall, Thomas E. (TX)**
 323 1853 Komito, Sandy (NJ)
 324 1845 **Peterson, Ted (WA)**
 325 1841 San Miguel, Mike (CA)
 326 1824 **Richards, Allan (MA)**
 327 1800 **Finch, Warren (CO)**
 328 1797 **Finley, Joelle (LA)**
 329 1796 Tull, Eric (AB)
 330 1795 **Harding, Douglas (ON)**
 331 1785 Smith, Roy (ON)
 332 1773 **Brink, Gerard (AZ)**
 333 1769 **Brink, Betty (AZ)**
 334 1766 **Cobb, John (CO)**
 335 1751 **Guest, Michael (AZ)**
 336 1749 **Febba, Sam (MI)**
 337 1743 **Johnston, Alan (NC)**
 338 1727 Janowski, John (DE)
 339 1705 **Osland, Gregory (IN)**
 340 1696 **VanDyke, Beverly J. (MO)**
 340 1696 **Bradley, Robert (CO)**
 340 1696 Slater, Andrew (AB)
 343 1695 **Forsythe, Donna W. (SC)**
 344 1690 **Gatchet, John Francis (OR)**
 345 1667 **Berrigan, Paul (MI)**
 345 1667 Crabtree, Charles (TX)
 347 1659 **Moore, Robert (TX)**
 348 1655 Clibbon, Brooke (AB)
 349 1649 **Wilson, Jeff (TN)**
 350 1640 Spruance, Preston (CA)
 351 1637 Jones, Daniel (TX)
 352 1632 **Turnage, Marilyn (TX)**
 353 1631 Tarachow, Michael (TX)
 354 1626 Dostale, Merce (TX)
 355 1623 **Vannoy, Donald (KS)**
 356 1616 **Ealding, Wendy (VA)**
 356 1616 Bergstrom, Bradley J. (GA)
 358 1614 **Richard, Carroll (SC)**
 359 1613 Faike, David (ID)
 360 1604 **Pippen, Jeffrey (NC)**
 361 1595 **Withgott, Jay (OR)**
 362 1594 Herlyn, Hendrik (OR)
 363 1573 **Kaplan, Daniel (NC)**
 364 1571 Butts, Judy (OR)
 365 1567 **Reber, Barbara (CA)**
 366 1565 Wile, Michael (WA)
 367 1562 Faike, Elise (ID)
 368 1561 **Crins, Bill (ON)**
 369 1560 Stilwell, Elton (TX)
 370 1553 **Marcum, James (MA)**
 371 1544 **Vennema, Peter (NM)**
 372 1541 Henderson, Diane (NY)
 373 1538 Malmid, Stuart (NJ)
 374 1536 **Pedro, Carlos (RI)**
 375 1524 Malmid, Wendy (NJ)
 376 1522 **Jones, Marlin (ID)**
 377 1519 **Chaffin, David (TN)**
 378 1509 **McConnell, Paul (NM)**
 379 1508 **Pinelli, Thomas (TX)**
 379 1508 **White, Tony (MD)**
 381 1507 Moyle, John (NY)
 382 1503 **Fellers, Paul (FL)**
 383 1499 **Rickard, Richard (OH)**
 384 1493 Sibley, Jean-Philippe (France)
 385 1487 **Houser, Roy (AZ)**
 386 1486 **Jerome, Florence (ON)**
 387 1480 u Conley, Pamela (CA)
 388 1475 **White, Stuart (VA)**
 389 1472 **Porter, David (AK)**
 390 1453 **Pepper, Todd (ON)**
 391 1451 **Machover, Robert (NJ)**
 392 1448 Persson, June (CA)
 393 1446 **Bever, Emily (FL)**

394 1443 **Lowder, Kenneth (IA)**
 395 1442 **Clark, Roger (FL)**
 396 1424 Newfield, Nancy L. (LA)
 396 1424 **Freeman, Reid (AZ)**
 398 1422 **Andres, Brad (VA)**
 399 1414 Elser, Lisa (Switzerland)
 399 1414 **Vanderpol, Hank (BC)**
 401 1410 Neville, Bruce (NM)
 402 1402 **Moskoff, William (IL)**
 402 1402 **Comeau, Clifford (MD)**
 402 1402 u Beall, Dennis (CA)
 405 1401 **Sanders, Ira (CO)**

NORTH AMERICA — 1991

1 1736 **Canterbury, Dan (FL)**
 2 1642 **Walton, Robert (IN)**
 3 1624 Danzenbaker, John D. (NJ)
 4 1619 **Funston, Bob (OK)**
 5 1595 **Irvin, Richard (ID)**
 6 1575 **Narins, David (FL)**
 7 1564 **Hood, Larry (IL)**
 8 1557 Waldrop, Rick (TN)
 9 1553 Master, Bernard (OH)
 9 1553 **Ledec, George (VA)**
 11 1549 Ryan, Richard (NJ)
 12 1545 **Kaestner, Hank (MD)**
 13 1536 **Klauber, David (NY)**
 14 1534 **Engleman, Dodge (TX)**
 15 1526 Rostron, Philip (TX)
 16 1522 Zaremba, Stefan (BC)
 17 1509 **Engleman, Lorna (TX)**
 18 1506 **Mellor, Norman H. (CA)**
 19 1483 **Kaestner, Peter (Brazil)**
 20 1479 **Mulligan, Mike (AB)**
 21 1475 **Bates, Bob (AZ)**
 22 1457 Rapp, Bill (CA)
 23 1455 **Burden, Kenneth (WA)**
 24 1454 **Gochfeld, Michael (NJ)**
 25 1423 **Taylor, Rick (AZ)**
 26 1420 **Gordon, Richard J. (AK)**
 27 1414 **Easley, Kevin (FL)**
 28 1413 Myers, Dollyann (TN)
 29 1412 **Kersting, Cecil (LA)**
 30 1405 **Dowling, William (FL)**
 31 1399 **Dowling, Helen (FL)**
 32 1396 Broadbooks, N. Bruce (CA)
 33 1390 u Coullon, Bridgt A. (ME)
 34 1388 Strasser, Voni (PA)
 34 1388 Strasser, Joseph (PA)
 36 1374 Boesman, Peter (Belgium)
 37 1371 **Jornvall, Hans (Sweden)**
 38 1352 Scott, Derek (Ireland)
 39 1349 Chartier, Allen (MI)
 40 1339 Mahler, Glenn (NJ)
 41 1335 **Bates, Dee (AZ)**
 42 1334 **Sidler, M. Christine (RI)**
 43 1332 Mahler, Eileen (NJ)
 44 1330 **Edwards, Martin H. (ON)**
 45 1329 Braun, Charles (SC)
 46 1327 **Hewitt, Mary (NM)**
 47 1323 **Fox, Robert (MA)**
 48 1318 Johnson, Lee G. (IL)
 49 1316 Van Slyck, Ellis J. (MI)
 49 1316 **Deifik, David (NH)**
 51 1312 **Cederlund, Claes-Goran (Sweden)**
 52 1311 **Hardister, John (NC)**
 53 1310 **Thompson, Joe (CA)**
 54 1307 Demaree, Salome (AZ)
 55 1301 **Ambrose, Robert (AZ)**
 56 1300 **Loftin, Horace (NC)**
 57 1297 **Alberico, Cindy (IL)**
 58 1296 **Rydell, William (CA)**
 59 1293 **Drummond, John (VA)**
 59 1293 Currie, Hugh (ON)
 61 1292 **Paul, Leonard (MI)**
 62 1287 Greensmith, Alan (UK)
 63 1286 Witt, Terry (TN)

64	1284	Turner, Henry (NY)	141	1094	Ward, Ken (VT)	218	989	Vannoy, Donald (KS)
65	1281	Colyer, Richard (PA)	141	1094	Carter, Robin (SC)	218	989	Munthe, Jens (UT)
66	1278	Powers, Ward (FL)	141	1094	Eastman, Caroline (SC)	220	988	Matherly, Steven (TX)
67	1274	Wilson, Jeff (TN)	144	1093	Vermeulen, Jan (Netherlands)	221	987	Hargrove, Jim (TX)
68	1272	Traver, Donna (NY)	145	1090	Wathen, Wayne (CO)	222	984	Reid, Jr., Robert R. (AL)
68	1272	Traver, Donald (NY)	146	1088	Sayre, Phillip (CA)	223	981	Groce, Betty (CA)
70	1270	Kornfeld, Steve (OR)	146	1088	Mark, David (NY)	224	980	Miller, Ann (AZ)
71	1265	Sargeant, Dave (Oman)	148	1087	Holmes, James (LA)	225	979	Miller, Alan (AZ)
72	1257	Lasley, Greg (TX)	149	1086	Cunningham, Richard (FL)	226	976	Del Hoyo, Josep (Spain)
73	1255	Timm, Richard (PA)	150	1085	Ribble, Barbara (TX)	227	975	Baldinger, Barbara (MI)
73	1255	San Miguel, Mike (CA)	151	1081	Wells, John (CT)	227	975	Munthe, Kathleen (UT)
75	1253	Woolbright, Shane (OK)	151	1081	Borden, Walter (GA)	229	973	Doughty, Chris (Australia)
75	1253	Bouton, William (CA)	153	1079	Bedient, Phillip E. (MA)	230	971	Haynie, Carl (WA)
77	1249	Cole, Kenneth (DC)	154	1077	Eidel, Jim (NV)	230	971	Hamilton, Nita (CT)
78	1244	Anderson, Kathleen S. (MA)	155	1076	Gallaher, James (MA)	232	969	Shaw, Jan (TN)
79	1243	Fitch, John (CA)	155	1076	Tufts, Gordon W. (NS)	232	969	Reid, Elberta G. (AL)
80	1236	Hamilton, John L. (CA)	157	1075	Center, Jonathan (MA)	234	967	Kutska, Michael R. (IL)
81	1235	Steurer, Timothy (CA)	158	1071	Freeland, David (FL)	235	965	Hargrove, Linda (TX)
82	1234	Wyatt, Betty P. (CA)	158	1071	Clark, Roger (FL)	236	960	Raymond, Peg (NY)
83	1229	Byrne, Dick (Scotland)	158	1071	Johnson, Lillian (CA)	237	958	Bever, Emily (FL)
84	1220	Sykes, Paul (GA)	161	1070	Padelford, Loren (NE)	238	957	Turnage, Marilyn (TX)
84	1220	Elliott, Barbara (CA)	161	1070	O'Neill, Patty (MA)	239	953	Armstrong, Howard (WA)
86	1218	Patten, Harvey L. (LA)	163	1068	Riding, Keith (BC)	240	952	Rife, JoAnne (AR)
86	1218	Bain, Margaret (ON)	163	1068	Hagen, Ed (CT)	241	951	Richard, Carroll (SC)
88	1214	Derven, Peter (CO)	165	1067	Grenfell, Bill (CA)	241	951	TROTT, ANTHONY (FL)
89	1212	Green, Clive (AZ)	166	1064	Parmeter, Benjamin (CA)	243	950	Marcum, James (MA)
90	1211	Lehnert, Juergen (Germany)	166	1064	Evanson, Randall (FL)	244	946	Withgott, Jay (OR)
91	1198	Witzeman, Janet (AZ)	168	1063	Wyatt, Caroline (FL)	245	941	Platt, Ian (ON)
91	1198	Witzeman, Robert (AZ)	169	1062	u Anderson, Bjorn (China)	246	939	Finley, Joelle (LA)
93	1197	Kahle, Anne (CA)	170	1060	Kolesar, Charles E. (WA)	247	932	Trott, Julie (FL)
93	1197	MacKenzie, Hue (BC)	170	1060	Ceballos-Lascuarin, Hector (Mexico)	247	932	Brooks, James (TN)
95	1196	Miller, Richard "Rick" (ON)	172	1058	Padelford, Barbara (NE)	249	931	Freeman, Reid (AZ)
96	1191	Cobb, John (CO)	173	1057	Sifford, J. W. (TX)	250	930	Bartlett, H. Thomas (OH)
97	1189	West, Steve (NM)	174	1053	Boyd, Roger L. (KS)	251	929	Carter, Kris (ID)
98	1187	Jickling, Bob (CO)	175	1050	Pozzo, Eric (OR)	252	928	Kaplan, Daniel (NC)
99	1185	Barrett, Bruce (CA)	176	1047	Reeve, Leonard (OH)	252	928	Snipes, Donald R. (VA)
100	1184	Spruance, Preston (CA)	177	1045	Knaus, Ron (CA)	254	926	Commeau, Guy (CA)
100	1184	Forsythe, Dennis M. (SC)	177	1045	Stilwell, Elton (TX)	254	926	Pepper, Todd (ON)
102	1181	Lyon, Charles (LA)	179	1043	Attridge, Barry (ON)	254	926	Bumgardner, Michael (CA)
103	1177	Moore, Robert (TX)	179	1043	Pereksta, David (CA)	257	925	Komar, Nicholas (CO)
104	1171	Haldeman, Mike (PA)	181	1040	Whelton, Bart (WA)	258	924	Pippen, Jeffrey (NC)
105	1170	Debellvue, Robert (LA)	182	1035	Jones, Daniel (TX)	259	923	Hamilton, Lavonne B. (CA)
106	1164	Burton, Kenneth (CA)	183	1033	Ziarno, Gerald (MI)	259	923	Hays, Jim (AZ)
107	1162	MacKenzie, Jo Ann (BC)	184	1030	Kanareff, Sharon (PA)	259	923	Peebles, Gary (CA)
108	1160	Ickes, Roy (PA)	184	1030	Smith, Shirley (MI)	262	921	Kritchevsky, Evelyn (PA)
109	1158	MacClendon, Travis (FL)	186	1029	Johnson, Bud (AZ)	263	919	Sandsberry, Marian (AZ)
110	1156	Toochin, Michael (BC)	186	1029	Poisson, Guy (QC)	263	919	Gatchet, John Francis (OR)
111	1155	Palmer, Richard (AZ)	188	1027	Donsker, David (NH)	265	916	Tull, Eric (AB)
111	1155	Duxbury-Fox, Dana (MA)	189	1026	Osland, Gregory (IN)	266	915	Hamilton, David (CA)
113	1149	Machover, Robert (NJ)	190	1023	Meyer, Pat (AL)	266	915	Hamilton, Denise (CA)
114	1148	Wachtler, Gloria (MN)	191	1020	Hagen, Arden (WA)	268	912	Martin, Ron (ND)
114	1148	Wachtler, Richard (MN)	192	1018	Woodley, Robert (WA)	269	911	Keller, Paul (CA)
116	1147	Komito, Sandy (NJ)	192	1018	Lebo, Harold (PA)	270	910	Patterson, Easy (Australia)
117	1146	Smith, Edwin (MI)	194	1016	Hagen, Sherry (WA)	270	910	Kluge, Karen (NH)
118	1143	Chaffin, David (TN)	194	1016	Bruce, Lucienne (TX)	272	909	Grief, Gordon (MB)
119	1140	Gambill, Mary "Louise" (TX)	196	1015	Wilburn, Phyllis (CA)	272	909	Zeilemaker, Fred (ID)
119	1140	Gambill, Charles "Red" (TX)	197	1011	TerLouw, Joe (WA)	272	909	Getgood, John (VA)
121	1138	Menart, Tony (FL)	197	1011	Miliotis, Paul (AL)	275	906	Spalding, Oakes (MA)
121	1138	Rose, B.J. (MO)	199	1010	Cook, William (NY)	276	904	Pedro, Carlos (RI)
123	1137	Berger, Byron (OH)	200	1009	Faike, Elise (ID)	277	903	Rosenmeier, Terry (NH)
124	1132	Gawn, Simon (ON)	200	1009	Overton, Michael D. (IA)	278	902	Keferl, Eugene (GA)
125	1131	Peake, Richard (TX)	202	1007	Bono, Peter (CT)	278	902	Holmquist, Howard (DE)
126	1129	Stirling, David (BC)	202	1007	Faike, David (ID)	280	901	Lowder, Kenneth (IA)
126	1129	Bradley, Robert (CO)	202	1007	Jacobson, Daniel (TN)	281	900	Balestri, Marcia (MD)
128	1126	Swift, Byron (DC)	205	1006	Messersmith, Donald (MD)	282	896	Berrigan, Paul (MI)
129	1123	Angehr, George (AA)	205	1006	White, Tony (MD)	282	896	Gilchrist, Peter (ON)
130	1120	Butcher, Greg (MD)	207	1005	Force, Michael (BC)	284	887	Bumgardner, Frank D. (TX)
131	1116	Rondon, Fernando E. (VA)	207	1005	Meyer, Joyce (WA)	285	880	Bremser, Jr., William J. "Bill" (FL)
132	1105	Collins, John (NY)	209	1004	Ribble, John (TX)	286	875	Schlegel, Tom (Switzerland)
132	1105	Salzman, Eric (NY)	210	1003	Pasterczyk, Cathy (DC)	286	875	Salvadori, Antonio (ON)
134	1104	Andres, Brad (VA)	211	1000	Wade, M. K. Edge (MO)	288	873	Elliott, Bruce (CA)
135	1103	Hoff, Ron (TN)	212	998	McGregor, Ian (WA)	288	873	Neville, Bruce (NM)
135	1103	Murgatroyd, Paul (VA)	213	997	Calhoon, Kevin (TN)	290	872	Clibbon, Brooke (AB)
137	1100	Wilt, Richard (AZ)	214	996	Guse, Kevin (CA)	291	869	Peavler, Larry (IN)
138	1099	Bergstrom, Bradley J. (GA)	215	993	Carr, Steve (UT)	292	867	Nichols, Kenny (AR)
138	1099	Coatsworth, James (CA)	216	992	Wathen, Laura (CO)	292	867	Nichols, Ladonna (AR)
140	1098	Almdale, Charles (CA)	217	991	Thayer, Peter (FL)	294	866	Passant, Mike (UK)

294	866	Dewire, Robert (CT)	42	1902	Mahler, Eileen (NJ)	119	1316	Traver, Donna (NY)
296	865	Easley, Charles (TX)	43	1894	Huffman, Ronald (TX)	119	1316	Traver, Donald (NY)
297	864	Jones, Marlin (ID)	44	1886	Kaestner, Hank (MD)	121	1307	Wilburn, Phyllis (CA)
298	863	Ferguson, Carol C. (TX)	45	1881	Mahler, Glenn (NJ)	122	1302	Funston, Bob (OK)
299	856	Gorman, William (NY)	46	1871	Gawn, Simon (ON)	123	1301	Paul, Leonard (MI)
300	854	Lesser, James (MI)	47	1861	Boesman, Peter (Belgium)	123	1301	Peake, Richard (TX)
301	851	Woolfenden, Donald (NJ)	48	1859	Lucchesi, Caryl (CT)	125	1297	Nye, Elaine (CT)
301	851	Finch, Warren (CO)	49	1842	Chantler, Dave (WA)	126	1278	Fox, Robert (MA)
301	851	Jacobson, Kathy (TN)	50	1840	Macaulay, Linda (CT)	127	1259	Hamilton, Lavonne B. (CA)
304	846	Bowers, Suzanne (CA)	50	1840	Macaulay, Bill (CT)	128	1249	Tufts, Gordon W. (NS)
305	844	Henderson, John (TN)	52	1836	Edwards, Carol E. (TX)	129	1240	Duxbury-Fox, Dana (MA)
306	843	Allaire, Kenneth (NY)	53	1829	Bristow, Paul (ON)	130	1232	Almdale, Charles (CA)
307	837	Woolfenden, Doris (NJ)	54	1828	Strasser, Voni (PA)	131	1212	Ashby, Vaughan (UK)
307	837	Meyer, Jonathan (UK)	54	1828	Strasser, Joseph (PA)	132	1201	Johnson, Lillian (CA)
307	837	Prothro, Brenda S. (TX)	56	1826	Hamilton, John L. (CA)	133	1176	Sayre, Phillip (CA)
310	835	Brucker, Maurice (IL)	56	1826	Drummond, John (VA)	134	1172	Ceballos-Lascurain, Hector (Mexico)
311	832	Overton, Dixie (IA)	58	1824	Ribble, Barbara (TX)	135	1168	Pasterczyk, Cathy (DC)
312	831	Hart, Bill (CA)	59	1820	Ribble, John (TX)	136	1147	Coffman, R. Mike (FL)
313	830	Hall, Jeffrey (NJ)	60	1819	Waldrop, Rick (TN)	137	1097	Lyon, Charles (LA)
313	830	Osenton, Peter (MD)	60	1819	Elliott, Barbara (CA)	138	1095	Parmeter, John (NM)
315	829	Coleman, Daniel (TX)	62	1814	Kersting, Cecil (LA)	139	1083	Thayer, Peter (FL)
316	827	Hopper, Rachel (CO)	63	1810	O'Neill, Patty (MA)	140	1078	Burden, Kenneth (WA)
316	827	Lister, Steve M. (UK)	64	1788	Ickes, Roy (PA)	141	1076	Patten, Harvey L. (LA)
318	826	Shelmerdine, Tim (OR)	65	1774	Derven, Peter (CO)	142	1073	Stirling, David (BC)
319	819	Hall, Megan C. (UK)	66	1772	Hoff, Ron (TN)	143	1063	Poisson, Guy (QC)
320	817	Oldenettel, Jerry (NM)	67	1757	Bouton, William (CA)	144	1060	Woolbright, Shane (OK)
321	816	Viola, Joy (MA)	68	1754	Myers, Dollyann (TN)	145	1055	Salzman, Eric (NY)
322	812	Patton, Helen (MD)	69	1751	MacClendon, Travis (FL)	145	1055	Witzeman, Robert (AZ)
323	810	Viola, Alfred (MA)	70	1750	Irvin, Richard (ID)	147	1037	Kahle, Anne (CA)
324	808	McConnell, Paul (NM)	71	1748	Deifik, David (NH)	148	1035	Bekaert, Luc (Belgium)
325	806	Matthiessen, Matthew (CA)	72	1731	Witt, Terry (TN)	149	1030	Sandsberry, Marian (AZ)
326	803	Guarente, Al (PA)	73	1676	Casebolt, Gerald (OR)	150	1029	Toochin, Michael (BC)
327	802	Neily, Larry (ON)	74	1648	Ledec, George (VA)	151	1027	Lanier, Bob (TX)
328	800	Robb, Roger (OR)	75	1647	Couronne, Bernard (France)	152	1024	Ellenberg, Richard (NM)
SOUTH AMERICA — 3268			76	1630	Swift, Byron (DC)	153	1011	Matherly, Steven (TX)
1	2791	Gullick, Tom (Spain)	77	1621	Overman, Karl (MI)	154	1003	Witzeman, Janet (AZ)
2	2578	Lehnert, Juergen (Germany)	78	1616	Shaw, Jan (TN)	155	1002	Vermeulen, Jan (Netherlands)
3	2460	Edwards, Martin H. (ON)	79	1614	Bono, Peter (CT)	156	996	Cosner, Kin (TN)
4	2429	Kaestner, Peter (Brazil)	80	1599	Pozzo, Eric (OR)	157	973	Loftin, Horace (NC)
5	2409	Thompson, Joe (CA)	81	1589	Borden, Walter (GA)	158	963	Johnson, Lee G. (IL)
6	2375	Clements, James (CA)	82	1582	Green, Clive (AZ)	159	960	Bedient, Phillip E. (MA)
7	2325	Gee, John (TX)	83	1578	Holbrook, Robert (MD)	160	949	Menart, Tony (FL)
8	2279	Hewitt, Mary (NM)	84	1570	Jornvall, Hans (Sweden)	161	948	Rondon, Fernando E. (VA)
9	2268	Rapp, Bill (CA)	85	1566	Rydell, William (CA)	162	943	Hocevar, Charles (SC)
10	2262	Cole, Kenneth (DC)	86	1563	Doughty, Chris (Australia)	163	941	Wathen, Wayne (CO)
11	2244	Walton, Robert (IN)	87	1562	Anderson, Bjorn (China)	164	937	Hargrove, Jim (TX)
12	2235	Cederlund, Claes-Goran (Sweden)	88	1557	Ambrose, Robert (AZ)	165	934	Hargrove, Linda (TX)
13	2170	Mellor, Norman H. (CA)	89	1529	Jones, Ralph (CO)	166	910	Collins, John (NY)
13	2170	Rostron, Philip (TX)	90	1523	Demaree, Salome (AZ)	167	909	Evanson, Randall (FL)
15	2163	Engleman, Dodge (TX)	91	1522	Carter, Derb (NC)	168	908	Holmes, James (LA)
16	2145	Greensmith, Alan (UK)	92	1507	Debellvue, Robert (LA)	169	904	Williamson, John (MD)
17	2140	Scott, Derek (Ireland)	93	1493	Currie, Hugh (ON)	169	904	Armstrong, Thais (WA)
18	2137	Brooks, Jane (FL)	93	1493	Bates, Dee (AZ)	169	904	Armstrong, Howard (WA)
19	2128	Narins, David (FL)	95	1491	Klauber, David (NY)	172	900	Lebo, Harold (PA)
20	2121	Penhallurick, John (Australia)	96	1484	Passant, Mike (UK)	173	888	Woolfenden, Doris (NJ)
21	2117	Del Hoyo, Josep (Spain)	97	1483	Salvadori, Antonio (ON)	173	888	Woolfenden, Donald (NJ)
22	2115	Fisher, David (UK)	98	1472	Jickling, Bob (CO)	175	886	TROTT, ANTHONY (FL)
23	2107	Hardister, John (NC)	99	1462	Coullon, Bridgt A. (ME)	175	886	Trott, Julie (FL)
24	2099	Hood, Larry (IL)	100	1434	Zaremba, Stefan (BC)	175	886	Eidel, Jim (NV)
25	2089	Forster, Daniel (FL)	101	1419	Chartier, Allen (MI)	178	885	Anderson, Kathleen S. (MA)
26	2055	Van Beirs, Mark (Belgium)	102	1412	Easley, Kevin (FL)	179	880	West, Steve (NM)
27	2052	Dowling, William (FL)	103	1407	MacKenzie, Jo Ann (BC)	180	873	Commeau, Guy (CA)
28	2040	Byrne, Dick (Scotland)	103	1407	Smith, Edwin (MI)	180	873	Cook, William (NY)
28	2040	Meyer, Pat (AL)	105	1395	MacKenzie, Hue (BC)	180	873	Whelton, Bart (WA)
30	2032	Dowling, Helen (FL)	106	1394	Bain, Margaret (ON)	183	869	Powers, Ward (FL)
31	2019	Berlin, Kenneth (MD)	107	1382	Wilt, Richard (AZ)	184	854	Meyer, Joyce (WA)
32	2011	Engleman, Lorna (TX)	107	1382	Parmeter, Benjamin (CA)	184	854	Zeilemaker, Fred (ID)
33	1986	Broadbooks, N. Bruce (CA)	109	1374	Haldeman, Mike (PA)	186	847	Matthiessen, Matthew (CA)
34	1966	Buck, Hugh (Cyprus)	110	1369	Smith, Shirley (MI)	187	844	San Miguel, Mike (CA)
35	1947	Gochfeld, Michael (NJ)	111	1366	Robertson, Doris (NM)	188	835	Fenn, Colin (UK)
36	1939	Donsker, David (NH)	112	1360	Boyd, Roger L. (KS)	189	821	Alberico, Cindy (IL)
37	1937	Sargeant, Dave (Oman)	113	1359	Peavler, Larry (IN)	190	806	Schall, Thomas E. (TX)
38	1935	Braun, Charles (SC)	114	1355	Colyer, Richard (PA)	191	804	Galizio, Mark (NC)
39	1928	Bates, Bob (AZ)	115	1348	Ryan, Richard (NJ)	191	804	Angehr, George (AA)
40	1915	Clark, John (UK)	116	1338	Sidler, M. Christine (RI)			
41	1910	Master, Bernard (OH)	117	1331	Steurer, Timothy (CA)			
			118	1324	Jones, Marguerite (CO)			
						AFRICA — 2483		
						1	2110	Sinclair, Ian (South Africa)

2 1975 Gullick, Tom (Spain)
3 1801 Schollaert, Valery (Belgium)
4 1710 **Kaestner, Peter (Brazil)**
5 1677 Gruneberg, Daniel (UK)
6 1646 **Jornvall, Hans (Sweden)**
7 1641 **Edwards, Martin H. (ON)**
8 1637 Carter, Clide (South Africa)
9 1628 **Cederlund, Claes-Goran (Sweden)**
9 1628 Van Beirs, Mark (Belgium)
11 1610 **Vermeulen, Jan (Netherlands)**
12 1609 **Macaulay, Linda (CT)**
12 1609 **Macaulay, Bill (CT)**
14 1599 Sargeant, Dave (Oman)
15 1575 **Bates, Bob (AZ)**
16 1522 **Buck, Hugh (Cyprus)**
17 1512 Rostron, Philip (TX)
18 1491 u Anderson, Bjorn (China)
19 1486 **Rydell, William (CA)**
20 1485 **Thompson, Joe (CA)**
21 1483 Rapp, Bill (CA)
22 1474 Huffman, Ronald (TX)
23 1463 Greensmith, Alan (UK)
24 1451 **Gee, John (TX)**
24 1451 **Del Hoyo, Josep (Spain)**
26 1446 **Walton, Robert (IN)**
27 1438 **Narins, David (FL)**
28 1405 Pozzo, Eric (OR)
29 1384 Easley, Steven (ND)
30 1365 Scott, Derek (Ireland)
31 1357 **Bates, Dee (AZ)**
32 1353 Clark, John (UK)
33 1300 Mahler, Glenn (NJ)
34 1296 Mahler, Eileen (NJ)
35 1274 Byrne, Dick (Scotland)
36 1273 Witt, Terry (TN)
37 1270 Brooks, Jane (FL)
38 1255 **Easley, Kevin (FL)**
39 1247 Fisher, David (UK)
40 1233 **Kaestner, Hank (MD)**
41 1219 Couronne, Bernard (France)
42 1211 Prytherch, Kenneth (NJ)
43 1210 **Bouton, William (CA)**
44 1209 Braun, Charles (SC)
44 1209 **Hardister, John (NC)**
46 1203 **Doughty, Chris (Australia)**
47 1200 Passant, Mike (UK)
48 1199 Myers, Dollyann (TN)
49 1192 **Dowling, William (FL)**
50 1184 **Dowling, Helen (FL)**
51 1177 **Hewitt, Mary (NM)**
52 1175 **Peake, Richard (TX)**
53 1165 Hoff, Ron (TN)
54 1154 Snipes, Donald R. (VA)
55 1150 **Lucchesi, Caryl (CT)**
56 1110 Chantler, Dave (WA)
57 1095 **Nye, Elaine (CT)**
58 1091 Murgatroyd, Paul (VA)
59 1078 **Drummond, John (VA)**
60 1073 Broadbooks, N. Bruce (CA)
61 1066 **Irvin, Richard (ID)**
62 1048 Casebolt, Gerald (OR)
63 1041 Syvertsen, Per Ole (Norway)
63 1041 Borden, Walter (GA)
65 1026 **Peavler, Larry (IN)**
66 1023 Betton, Keith (UK)
67 1007 Meyer, Joyce (WA)
68 1002 **Green, Clive (AZ)**
69 997 Lister, Steve M. (UK)
70 994 u Coullon, Bridgt A. (ME)
71 992 **Burden, Kenneth (WA)**
72 976 **Hood, Larry (IL)**
73 970 Hall, Megan C. (UK)
74 967 **Commeau, Guy (CA)**
75 955 **Paul, Leonard (MI)**
76 945 TROTT, ANTHONY (FL)
76 945 Trott, Julie (FL)
76 945 **Gochfeld, Michael (NJ)**

79 934 **Donsker, David (NH)**
80 932 Currie, Hugh (ON)
81 918 **Berlin, Kenneth (MD)**
82 912 Armstrong, Howard (WA)
83 911 Meyer, Pat (AL)
84 891 Kutska, Michael R. (IL)
85 880 Strasser, Voni (PA)
85 880 Strasser, Joseph (PA)
87 877 **Kahle, Anne (CA)**
88 875 Tufts, Gordon W. (NS)
89 872 **Holbrook, Robert (MD)**
89 872 Attridge, Barry (ON)
91 869 Master, Bernard (OH)
91 869 Penhallurick, John (Australia)
93 864 **Hays, Jim (AZ)**
94 860 **Gawn, Simon (ON)**
95 858 **Kersting, Cecil (LA)**
96 854 Bekaert, Luc (Belgium)
97 850 **Engleman, Dodge (TX)**
98 844 Evanson, Randall (FL)
99 821 **Riding, Keith (BC)**
99 821 **Wilburn, Phyllis (CA)**
101 818 **Kritchevsky, Evelyn (PA)**
102 817 **Engleman, Lorna (TX)**
103 805 Haldeman, Mike (PA)
104 789 Hamilton, John L. (CA)
104 789 **Fitch, John (CA)**
106 785 Tischner, Kenneth (NJ)
107 777 Armstrong, Thais (WA)
108 776 **Derven, Peter (CO)**
109 775 Hamilton, Lorraine B. (CA)
110 767 Korol, Burke (ON)
111 754 **Overman, Karl (MI)**
112 750 **Stirling, David (BC)**
113 748 **Funston, Bob (OK)**
114 738 **Fenn, Colin (UK)**
115 735 Barrett, Bruce (CA)
116 728 **Lyon, Charles (LA)**
117 724 **Bono, Peter (CT)**
118 715 **Wathen, Wayne (CO)**
119 713 **Johnston, Alan (NC)**
120 694 **Loftin, Horace (NC)**
121 693 **Menart, Tony (FL)**
122 690 **Duxbury-Fox, Dana (MA)**
123 689 Bowman, Martin (NY)
124 687 **Traver, Donna (NY)**
124 687 **Traver, Donald (NY)**
126 686 Horgan, Gillian (NY)
127 685 Newman, Steve (UK)
128 684 Panthong, Panadda (Thailand)
129 682 **Wathen, Laura (CO)**
129 682 **Jones, Ralph (CO)**
131 680 **Almdale, Charles (CA)**
131 680 Angehr, George (AA)
131 680 Van Sanden, Paul (Belgium)
134 677 **Johnson, Lillian (CA)**
135 666 Wilt, Richard (AZ)
136 662 **McMahon, Jeri (OK)**
137 658 **Lebo, Harold (PA)**
138 656 Salzman, Eric (NY)
139 654 Schlegel, Tom (Switzerland)
140 651 **Fox, Robert (MA)**
141 646 **Ribble, Barbara (TX)**
141 646 **Ribble, John (TX)**
143 635 **Sidler, M. Christine (RI)**
144 631 Burton, Kenneth (CA)
145 629 **Rondon, Fernando E. (VA)**
146 622 Begg, Barbara (BC)
147 614 Colyer, Richard (PA)
148 611 Thayer, Peter (FL)
149 610 **Knaus, Ron (CA)**
150 609 **Weintz, Todd (FL)**
151 607 **Mulligan, Mike (AB)**
152 605 **Parmeter, Benjamin (CA)**
153 602 **Smith, Edwin (MI)**
154 601 **Witzeman, Robert (AZ)**
155 600 Parmeter, John (NM)

155 600 Chartier, Allen (MI)
155 600 **Witzeman, Janet (AZ)**
AUSTRALASIA — 1274
1 995 Greensmith, Alan (UK)
2 978 **Kaestner, Peter (Brazil)**
3 969 **Jornvall, Hans (Sweden)**
4 966 **Doughty, Chris (Australia)**
5 924 Van Beirs, Mark (Belgium)
6 911 **Buck, Hugh (Cyprus)**
7 908 Carter, Clide (South Africa)
8 896 Penhallurick, John (Australia)
9 886 Gullick, Tom (Spain)
10 869 Huffman, Ronald (TX)
11 852 Rostron, Philip (TX)
11 852 Fisher, David (UK)
13 850 Rapp, Bill (CA)
14 849 **Edwards, Martin H. (ON)**
15 838 Strasser, Voni (PA)
15 838 Strasser, Joseph (PA)
17 834 **Bates, Bob (AZ)**
18 827 Salvadori, Antonio (ON)
19 826 u Anderson, Bjorn (China)
20 825 **Walton, Robert (IN)**
21 820 **Hewitt, Mary (NM)**
22 814 **Bates, Dee (AZ)**
23 796 **Kaestner, Hank (MD)**
24 780 Clark, John (UK)
25 774 **Lucchesi, Caryl (CT)**
26 747 **Bailey, Stephen F. (CA)**
26 747 **Sidler, M. Christine (RI)**
28 744 **Dowling, William (FL)**
29 741 **Dowling, Helen (FL)**
30 740 **Vermeulen, Jan (Netherlands)**
31 738 Brooks, Jane (FL)
32 718 **Nye, Elaine (CT)**
33 716 **Traver, Donna (NY)**
33 716 **Traver, Donald (NY)**
35 713 Broadbooks, N. Bruce (CA)
36 712 **Rydell, William (CA)**
36 712 Armstrong, Thais (WA)
36 712 Whelton, Bart (WA)
39 710 **Ickes, Roy (PA)**
39 710 Armstrong, Howard (WA)
41 706 Chantler, Dave (WA)
42 696 **Drummond, John (VA)**
43 688 **Cederlund, Claes-Goran (Sweden)**
44 684 Borden, Walter (GA)
45 679 Johnson, Lee G. (IL)
46 678 Gruneberg, Daniel (UK)
47 670 Braun, Charles (SC)
47 670 Elliott, Barbara (CA)
49 661 **Kersting, Cecil (LA)**
50 655 **Hardister, John (NC)**
51 650 **Smith, Edwin (MI)**
51 650 **Witzeman, Janet (AZ)**
53 649 **Berlin, Kenneth (MD)**
53 649 **Witzeman, Robert (AZ)**
55 648 **Bridges, Dan (CO)**
56 646 Casebolt, Gerald (OR)
57 640 Hoff, Ron (TN)
58 635 **Ribble, Barbara (TX)**
58 635 **Ribble, John (TX)**
60 632 **Smith, Shirley (MI)**
61 630 Master, Bernard (OH)
62 629 Messersmith, Donald (MD)
63 628 **Kahle, Anne (CA)**
63 628 Myers, Dollyann (TN)
65 620 Tufts, Gordon W. (NS)
66 617 Couronne, Bernard (France)
67 614 **Debellvue, Robert (LA)**
68 601 Patterson, Easy (Australia)
69 593 **Overman, Karl (MI)**
70 592 **Narins, David (FL)**
71 591 Byrne, Dick (Scotland)
72 588 Mahler, Glenn (NJ)
73 587 Mahler, Eileen (NJ)

74 579 Betton, Keith (UK)
75 578 Wilburn, Phyllis (CA)
75 578 Hargrove, Jim (TX)
75 578 Hargrove, Linda (TX)
78 575 Green, Clive (AZ)
79 573 Woolfenden, Donald (NJ)
80 572 Hagen, Ed (CT)
81 571 Bono, Peter (CT)
82 565 Bouton, William (CA)
82 565 Almdale, Charles (CA)
82 565 Johnson, Lillian (CA)
85 562 McMahan, Jeri (OK)
85 562 Jones, Ralph (CO)
87 559 Toochin, Michael (BC)
88 555 Wright, Brenda (CO)
88 555 Dexter, Coen (CO)
90 545 Parmeter, Benjamin (CA)
91 538 Barrett, Bruce (CA)
92 531 Eastman, Roger (MD)
93 526 Macaulay, Linda (CT)
93 526 Macaulay, Bill (CT)
95 525 Klauber, David (NY)
96 520 Meyer, Pat (AL)
97 511 Irvin, Richard (ID)
98 503 Jones, Marguerite (CO)
99 502 Eidell, Jim (NV)
100 499 Del Hoyo, Josep (Spain)
101 496 Wilt, Richard (AZ)
102 490 Ealding, Wendy (VA)
102 490 Attridge, Barry (ON)
104 487 Woolfenden, Doris (NJ)
104 487 Cairo, Warren (NY)
106 486 Mark, David (NY)
107 485 Cairo, Mary Ann (NY)
108 482 Lebo, Harold (PA)
109 481 Hood, Larry (IL)
110 469 MacKenzie, Jo Ann (BC)
110 469 Peake, Richard (TX)
112 467 Ellenberg, Richard (NM)
112 467 MacKenzie, Hue (BC)
114 463 Haldeman, Mike (PA)
115 462 Pozzo, Eric (OR)
116 461 Deifik, David (NH)
116 461 Begg, Barbara (BC)
118 454 Sargeant, Dave (Oman)
119 453 Currie, Hugh (ON)
120 452 Derven, Peter (CO)
121 449 Bain, Margaret (ON)
122 447 Collins, John (NY)
123 444 Meyer, Joyce (WA)
124 443 Wathen, Wayne (CO)
125 441 Liller, John (MA)
125 441 Murgatroyd, Paul (VA)
127 440 Ladenberger, Nancy (WA)
128 437 Smith, Roy (ON)
129 436 Stirling, David (BC)
130 434 Menart, Tony (FL)
131 430 Wathen, Laura (CO)
132 428 TROTT, ANTHONY (FL)
132 428 Trott, Julie (FL)
134 423 Loftin, Horace (NC)
135 421 Wyatt, Betty P. (CA)
136 419 Copeland, David (OR)
137 409 Korol, Burke (ON)
138 403 Van Sanden, Paul (Belgium)
139 401 Noonan, Gabriel (Ireland)
140 392 Palmer, Richard (AZ)
140 392 Wile, Michael (WA)
142 388 Riding, Keith (BC)
142 388 Meyer, Jonathan (UK)
144 387 Cook, William (NY)
145 383 Engleman, Lorna (TX)
146 382 Bristow, Paul (ON)
147 375 Engleman, Dodge (TX)
148 371 Newman, Steve (UK)
149 367 Slater, Andrew (AB)
150 366 Funston, Bob (OK)

151 365 Harding, Douglas (ON)
152 364 Woolbright, Shane (OK)
153 362 Hoogerheide, John (TX)
154 359 Gochfeld, Michael (NJ)
155 355 Russell, Ken (AK)
156 352 Passant, Mike (UK)

EURASIA — 3061

1 2428 Buck, Hugh (Cyprus)
2 1946 Gullick, Tom (Spain)
3 1928 Rostron, Philip (TX)
4 1927 Greensmith, Alan (UK)
5 1921 Cederlund, Claes-Goran (Sweden)
6 1910 Edwards, Martin H. (ON)
7 1907 Kaestner, Peter (Brazil)
8 1892 Van Beirs, Mark (Belgium)
9 1831 Sargeant, Dave (Oman)
10 1829 Narins, David (FL)
11 1812 Scott, Derek (Ireland)
12 1809 Kaestner, Hank (MD)
13 1808 Bates, Bob (AZ)
14 1789 Lehnert, Juergen (Germany)
15 1729 Rapp, Bill (CA)
16 1709 Hewitt, Mary (NM)
17 1638 Walton, Robert (IN)
18 1623 u Anderson, Bjorn (China)
19 1611 Huffman, Ronald (TX)
19 1611 Jornvall, Hans (Sweden)
21 1580 Del Hoyo, Josep (Spain)
22 1552 Armstrong, Howard (WA)
23 1550 Armstrong, Thais (WA)
24 1541 Braun, Charles (SC)
25 1506 Doughty, Chris (Australia)
26 1497 Vermeulen, Jan (Netherlands)
27 1490 Gruneberg, Daniel (UK)
28 1475 Meyer, Pat (AL)
29 1461 Byrne, Dick (Scotland)
30 1437 Passant, Mike (UK)
31 1415 Lucchesi, Caryl (CT)
32 1394 Hardister, John (NC)
33 1380 Irvin, Richard (ID)
34 1376 Bates, Dee (AZ)
35 1359 Penhallurick, John (Australia)
36 1336 Hood, Larry (IL)
37 1319 Couronne, Bernard (France)
38 1318 Hagen, Ed (CT)
39 1288 Broadbooks, N. Bruce (CA)
40 1285 Mahler, Glenn (NJ)
41 1282 Mahler, Eileen (NJ)
42 1262 Master, Bernard (OH)
43 1241 Bekaert, Luc (Belgium)
44 1231 Dowling, William (FL)
45 1228 Witt, Terry (TN)
46 1220 Lister, Steve M. (UK)
47 1213 Dowling, Helen (FL)
48 1207 Clark, John (UK)
49 1204 Betton, Keith (UK)
50 1160 Hall, Megan C. (UK)
51 1153 Ickes, Roy (PA)
52 1149 Bono, Peter (CT)
53 1101 Ziarno, Gerald (MI)
54 1099 Van Sanden, Paul (Belgium)
55 1096 Kahle, Anne (CA)
56 1095 Burden, Kenneth (WA)
57 1081 Jones, Ralph (CO)
58 1078 Green, Clive (AZ)
59 1067 Pozzo, Eric (OR)
60 1059 MacKenzie, Jo Ann (BC)
61 1038 Engleman, Dodge (TX)
61 1038 MacKenzie, Hue (BC)
63 1035 Chantler, Dave (WA)
64 1034 Hoff, Ron (TN)
65 1020 Schlegel, Tom (Switzerland)
66 984 Stirling, David (BC)
67 977 Jones, Marguerite (CO)
68 973 Engleman, Lorna (TX)
69 969 Bouton, William (CA)

70 964 Panthong, Panadda (Thailand)
71 955 Kersting, Cecil (LA)
72 930 Commeau, Guy (CA)
73 918 Traver, Donna (NY)
73 918 Traver, Donald (NY)
75 891 Menart, Tony (FL)
76 883 Riding, Keith (BC)
77 881 Loftin, Horace (NC)
78 880 Fenn, Colin (UK)
79 875 Syvertsen, Per Ole (Norway)
80 846 Borden, Walter (GA)
81 840 Witzeman, Robert (AZ)
82 837 Witzeman, Janet (AZ)
83 807 Fitch, John (CA)

ATLANTIC OCEAN

1 296 Dobson, Andrew (Bermuda)
2 161 Doughty, Chris (Australia)
3 117 Cederlund, Claes-Goran (Sweden)
3 117 Jornvall, Hans (Sweden)
5 108 White, Tony (MD)
6 103 Turner, Henry (NY)
7 100 Buck, Hugh (Cyprus)
7 100 Sinclair, Ian (South Africa)
9 97 Sargeant, Dave (Oman)
10 89 Bain, Margaret (ON)
10 89 Freeland, David (FL)
12 87 Kersting, Cecil (LA)
13 86 Greensmith, Alan (UK)
14 84 Lucchesi, Caryl (CT)
14 84 Scott, Derek (Ireland)
16 83 Currie, Hugh (ON)
17 75 Kahle, Anne (CA)
18 74 Schwalbe, Dr. Paul W. (WI)
19 71 Irvin, Richard (ID)
20 69 Walton, Robert (IN)
20 69 Lister, Steve M. (UK)
20 69 Messersmith, Donald (MD)
23 66 Hall, Megan C. (UK)
23 66 Schwalbe, Glenna (WI)
25 64 Stirling, David (BC)
25 64 Couronne, Bernard (France)
27 63 Klauber, David (NY)
28 61 Sidler, M. Christine (RI)
29 60 Olioso, Georges (France)
30 59 Ellenberg, Richard (NM)
30 59 Jones, Marlin (ID)
32 58 Borden, Walter (GA)
33 57 Spruance, Preston (CA)
34 56 Mahler, Eileen (NJ)
34 56 Mahler, Glenn (NJ)
34 56 Attridge, Barry (ON)
37 53 McGregor, Ian (WA)

PACIFIC OCEAN

1 461 Greensmith, Alan (UK)
2 450 Scott, Derek (Ireland)
3 439 Doughty, Chris (Australia)
4 435 Bailey, Stephen F. (CA)
5 427 Narins, David (FL)
6 410 Mellor, Norman H. (CA)
6 410 Rostron, Philip (TX)
8 402 Kaestner, Peter (Brazil)
9 400 Buck, Hugh (Cyprus)
10 399 David, Reginald (HI)
11 374 Hewitt, Mary (NM)
12 371 Messersmith, Donald (MD)
13 368 Rapp, Bill (CA)
14 359 Walton, Robert (IN)
15 323 Kahle, Anne (CA)
16 318 Kersting, Cecil (LA)
17 311 Wakefield-David, Susan (HI)
18 304 Smith, Edwin (MI)
18 304 Sidler, M. Christine (RI)
20 303 Strasser, Voni (PA)
20 303 Strasser, Joseph (PA)
22 286 Edwards, Martin H. (ON)

23 285 Gochfeld, Michael (NJ)
 24 284 Braun, Charles (SC)
 25 282 Roark, David (CA)
 26 274 Smith, Shirley (MI)
 27 265 Cederlund, Claes-Goran (Sweden)
 27 265 Klausner, David (NY)
 29 264 Byrne, Dick (Scotland)
 30 252 Traver, Donna (NY)
 30 252 Traver, Donald (NY)
 32 251 Donsker, David (NH)
 33 246 Ambrose, Robert (AZ)
 34 245 Green, Clive (AZ)
 35 241 Brooks, Jane (FL)
 36 239 Lucchesi, Caryl (CT)
 36 239 Zeillemaker, Fred (ID)
 38 237 Beaton, R. Gifford (SC)
 39 236 Wilt, Richard (AZ)
 39 236 Stirling, David (BC)
 41 235 Burden, Kenneth (WA)
 42 234 Murphy, Tim (Australia)
 42 234 Attridge, Barry (ON)
 44 233 Master, Bernard (OH)
 45 231 Barrett, Bruce (CA)
 46 229 Dowling, Helen (FL)
 46 229 Dowling, William (FL)
 48 221 Almdale, Charles (CA)
 49 217 Force, Michael (BC)
 50 215 Borden, Walter (GA)
 51 214 Snetsinger, Thomas (OR)
 51 214 Johnson, Lillian (CA)
 53 211 Sandsberry, Marian (AZ)
 54 207 Armstrong, Howard (WA)
 55 206 Silcock, Ross (IA)
 55 206 Vermeulen, Jan (Netherlands)
 57 202 Schlegel, Tom (Switzerland)
 58 200 Copeland, David (OR)
 59 196 Felker, Linda (MN)
 60 195 Siebert, Randy (CO)
 61 193 MacKenzie, Jo Ann (BC)
 62 191 Ickes, Roy (PA)
 62 191 Armstrong, Thais (WA)
 62 191 Couronne, Bernard (France)
 65 189 Commeau, Guy (CA)
 66 186 Wright, Brenda (CO)
 66 186 Dexter, Coen (CO)
 68 181 Wilburn, Phyllis (CA)
 69 178 Derven, Peter (CO)
 70 176 TROTT, ANTHONY (FL)
 70 176 Trott, Julie (FL)
 72 174 Meyer, Pat (AL)
 72 174 Angehr, George (AA)
 74 172 Irvin, Richard (ID)
 75 171 Evanson, Randall (FL)
 75 171 Pruess, Neva (NE)
 77 167 Wathen, Wayne (CO)
 78 166 Jickling, Bob (CO)
 78 166 Betton, Keith (UK)
 80 161 Broadbooks, N. Bruce (CA)
 81 160 Fekel, Francis (TN)
 82 158 Gorman, William (NY)
 83 155 Toochin, Michael (BC)
 84 154 Woolfenden, Donald (NJ)
 84 154 Hardister, John (NC)
 84 154 Lyon, Charles (LA)
 87 149 Mahler, Eileen (NJ)
 87 149 Mahler, Glenn (NJ)
 89 148 Cairo, Mary Ann (NY)
 90 146 Sargeant, Dave (Oman)
 91 143 Wathen, Laura (CO)
 91 143 Noonan, Gabriel (Ireland)
 93 138 Pashley, David (VA)
 94 135 Nye, Elaine (CT)
 95 134 Menart, Tony (FL)
 96 133 Wile, Michael (WA)
 97 130 Bower, Jean (NJ)
 97 130 Bower, James (NJ)
 97 130 Myers, Dollyann (TN)

100 129 Huffman, Ronald (TX)
 101 128 Rolle, Kevin (HI)
 102 127 Faike, David (ID)
 102 127 Hood, Larry (IL)
 102 127 u Coullon, Bridgt A. (ME)
 105 126 Engleman, Dodge (TX)
 105 126 Reid, Elberta G. (AL)
 105 126 Reid, Jr., Robert R. (AL)
 108 124 Jones, Ralph (CO)
 109 123 Weeks, Ann (MD)
 109 123 Faike, Elise (ID)
 109 123 Cairo, Warren (NY)
 112 120 Engleman, Lorna (TX)
 112 120 West, Steve (NM)
 114 118 McDavit, Mary (NC)
 114 118 Hoff, Ron (TN)
 116 114 Nikas, Mark (OR)
 117 112 Jones, Marguerite (CO)
 118 107 Hayes, Michael (TX)
 119 104 Hamilton, David (CA)
 120 103 Hamilton, Denise (CA)
 121 102 Woolfenden, Doris (NJ)
 122 101 Meyer, Jonathan (UK)
 123 100 Kaplan, Daniel (NC)

INDIAN OCEAN

1 388 Sinclair, Ian (South Africa)
 2 271 Kaestner, Peter (Brazil)
 3 267 Kaestner, Hank (MD)
 4 261 Buck, Hugh (Cyprus)
 5 241 Edwards, Martin H. (ON)
 6 240 Myers, Dollyann (TN)
 7 239 Walton, Robert (IN)
 7 239 Hoff, Ron (TN)
 9 238 Rapp, Bill (CA)
 10 236 Gullick, Tom (Spain)
 10 236 Van Beirs, Mark (Belgium)
 12 223 Dowling, William (FL)
 13 222 Dowling, Helen (FL)
 14 221 Donsker, David (NH)
 15 217 Rostron, Philip (TX)
 16 216 Gruneberg, Daniel (UK)
 16 216 Vermeulen, Jan (Netherlands)
 16 216 Huffman, Ronald (TX)
 19 213 Master, Bernard (OH)
 19 213 Hewitt, Mary (NM)
 19 213 Kutska, Michael R. (IL)
 22 205 Rydell, William (CA)
 23 201 Cederlund, Claes-Goran (Sweden)
 24 199 Palmer, Richard (AZ)
 25 197 Nye, Elaine (CT)
 26 196 Almdale, Charles (CA)
 26 196 Johnson, Lillian (CA)
 26 196 Meyer, Pat (AL)
 29 195 Bouton, William (CA)
 29 195 Brooks, Jane (FL)
 31 194 Hood, Larry (IL)
 32 189 Doughty, Chris (Australia)
 33 185 Hays, Jim (AZ)
 33 185 Manly, Curtis (AB)
 33 185 Manly, Michelle (AB)
 36 182 Burden, Kenneth (WA)
 37 181 Hamilton, John L. (CA)
 38 178 Messersmith, Donald (MD)
 38 178 Thayer, Peter (FL)
 40 177 Currie, Hugh (ON)
 41 176 Irvin, Richard (ID)
 42 173 Borden, Walter (GA)
 43 171 Engleman, Lorna (TX)
 43 171 Engleman, Dodge (TX)
 45 170 Evanson, Randall (FL)
 45 170 Mahler, Glenn (NJ)
 47 169 Mahler, Eileen (NJ)
 48 167 Green, Clive (AZ)
 48 167 Macaulay, Linda (CT)
 48 167 Macaulay, Bill (CT)
 51 166 Greensmith, Alan (UK)

52 165 Couronne, Bernard (France)
 52 165 Jones, Ralph (CO)
 54 164 Scott, Derek (Ireland)
 54 164 Broadbooks, N. Bruce (CA)
 56 163 Jones, Marguerite (CO)
 57 161 Kersting, Cecil (LA)
 58 158 Peake, Richard (TX)
 59 157 Burton, Kenneth (CA)
 60 156 Bekaert, Luc (Belgium)
 61 153 Keller, Paul (CA)
 62 150 Menart, Tony (FL)
 63 148 Commeau, Guy (CA)
 64 147 Van Sanden, Paul (Belgium)
 65 145 Kahle, Anne (CA)
 65 145 Sidler, M. Christine (RI)
 67 144 Hargrove, Jim (TX)
 67 144 Hargrove, Linda (TX)
 69 138 Bono, Peter (CT)
 70 135 Ickes, Roy (PA)
 71 130 Gochfeld, Michael (NJ)
 72 127 Loftin, Horace (NC)
 73 122 Stirling, David (BC)
 74 120 Attridge, Barry (ON)
 75 108 Ceballos-Lascurain, Hector (Mexico)
 76 106 Braun, Charles (SC)
 77 103 Smith, Shirley (MI)
 78 100 Reber, Barbara (CA)
 79 99 Roloff, Mary Ann Dietrich (MI)
 80 93 Smith, Edwin (MI)
 81 74 Sargeant, Dave (Oman)
 82 68 Betton, Keith (UK)
 83 66 Van Epps, Rob (NC)
 84 64 Bowman, Martin (NY)
 85 62 Horgan, Gillian (NY)
 86 53 Schlegel, Tom (Switzerland)

SOUTH POLAR REGION

86 53 Force, Michael (BC)
 2 50 Doughty, Chris (Australia)
 3 44 Burden, Kenneth (WA)
 3 44 Scott, Derek (Ireland)
 3 44 Ellenberg, Richard (NM)
 3 44 Sinclair, Ian (South Africa)
 7 43 Walton, Robert (IN)
 8 42 Cederlund, Claes-Goran (Sweden)
 8 42 Greensmith, Alan (UK)
 10 41 Turner, Henry (NY)
 10 41 Jones, Marlin (ID)
 10 41 Kutska, Michael R. (IL)
 13 40 Van Beirs, Mark (Belgium)
 14 39 McMahon, Jeri (OK)
 14 39 McGregor, Ian (WA)
 14 39 Hewitt, Mary (NM)
 17 38 Lasley, Greg (TX)
 17 38 Collins, John (NY)
 17 38 Green, Clive (AZ)
 17 38 Stebbins, Sally (MI)
 17 38 Thayer, Peter (FL)
 17 38 Graf, Leonard (MI)
 23 37 Bates, Dee (AZ)
 23 37 Bates, Bob (AZ)
 23 37 Brooks, Jane (FL)
 26 36 Gifford, Charles (VT)
 26 36 Febba, Sam (MI)
 26 36 Donsker, David (NH)
 26 36 Traver, Donna (NY)
 26 36 Traver, Donald (NY)
 26 36 Johnson, Jerome (CA)
 26 36 White, Stuart (VA)
 26 36 Viola, Joy (MA)
 26 36 u Coullon, Bridgt A. (ME)
 35 35 Kahle, Anne (CA)
 35 35 Narins, David (FL)
 35 35 Spruance, Preston (CA)
 35 35 Mahler, Eileen (NJ)
 35 35 Mahler, Glenn (NJ)
 35 35 Townsend, William (ME)

35 35 Huffman, Ronald (TX)
35 35 Wyatt, Caroline (FL)
 43 34 Roark, David (CA)
43 34 Hardister, John (NC)
43 34 Viola, Alfred (MA)
46 33 Wathen, Wayne (CO)
46 33 Wathen, Laura (CO)
 46 33 Messersmith, Donald (MD)
46 33 White, Tony (MD)
46 33 Smith, Edwin (MI)
 46 33 Tull, Eric (AB)
 46 33 Schwalbe, Dr. Paul W. (WI)
 46 33 Holmes, James (LA)
 54 32 Kersting, Cecil (LA)
54 32 Smith, Shirley (MI)
 54 32 Schwalbe, Glenna (WI)
54 32 Kubacki, Marcia (MI)
54 32 LeVine, John (CA)
 59 31 Henderson, Diane (NY)
59 31 Klauber, David (NY)
59 31 Davis, Phil (MD)
59 31 Davis, Barbara (MD)
59 31 LeVine, Irma (CA)
64 29 Lesser, James (MI)
 64 29 Stirling, David (BC)
 64 29 Begg, Barbara (BC)
64 29 Roloff, Mary Ann Dietrich (MI)
68 28 Riding, Keith (BC)
 69 27 Byrne, Dick (Scotland)
 69 27 Burton, Kenneth (CA)
71 26 Ferrier, Ilay (QC)
 72 25 Patterson, Easy (Australia)
72 25 Matherly, Steven (TX)
 72 25 Irvin, Richard (ID)

ALABAMA — 428

1 366 Miller, Ann (AL)
 2 365 Reid, Jr., Robert R. (AL)
 3 358 Reid, Elberta G. (AL)
4 357 Wright, Harriett (AL)
5 350 Gardella, Larry (AL)
6 323 Einspahr, Howard (NJ)
 6 323 Meyer, Pat (AL)
8 320 Wilson, Jeff (TN)
9 318 Bremser, Jr., William J. "Bill" (FL)
 9 318 Parks, Johnny T. (GA)
 11 305 Kittle, Paul (AL)
12 300 Canterbury, Dan (FL)
13 296 Patterson, Dee (AL)
14 281 Chaffin, David (TN)
15 277 Jacobson, Daniel (TN)
 16 275 Miliotis, Paul (AL)
 17 270 Holmes, James (LA)
18 263 Casteel, Phillip (TN)
18 263 Rogers, Tommie (MO)
20 260 Jacobson, Kathy (TN)
 21 259 Henderson, John (TN)
 22 258 Shaw, Jan (TN)
 23 257 Fekel, Francis (TN)
 24 256 Waldrop, Rick (TN)
25 254 Kersting, Cecil (LA)
 26 252 Weber, Wayne (BC)
27 247 Peavler, Larry (IN)
28 241 Anderson, Leif (AR)
 29 239 Calhoon, Kevin (TN)
29 239 Dunn, Jon (CA)
31 233 Lasley, Pamela (TN)
32 231 Nichols, Kenny (AR)
32 231 Nichols, Ladonna (AR)
34 228 Narins, David (FL)
35 225 Carter, Robin (SC)
 36 223 Greene, Mark (TN)
37 215 Resch, Michael (MA)
37 215 Eastman, Caroline (SC)
 37 215 Schiefer, Terence (MS)

ALASKA — 497

1 351 Zimmerman, Steven (AK)
2 343 Gordon, Richard J. (AK)
3 326 Smith, Macklin (MI)
 4 315 Komito, Sandy (NJ)
5 305 Dunn, Jon (CA)
6 299 Wulkowicz, Stanley (CA)
6 299 Sykes, Paul (GA)
8 289 Chaffin, David (TN)
 8 289 Toochin, Michael (BC)
10 287 Wade, M. K. Edge (MO)
11 285 Narins, David (FL)
12 283 Russell, Ken (AK)
13 279 Burden, Kenneth (WA)
14 276 Rydell, William (CA)
14 276 Johnson, Bud (AZ)
 14 276 Koundakjian, Theodore (CA)
17 273 Peavler, Larry (IN)
 17 273 Parker, Helen (AR)
 19 271 Parker, Max (AR)
20 269 Lucchesi, Caryl (CT)
 21 266 Koundakjian, Christine (CA)
21 266 Rose, B.J. (MO)
 23 263 Cudney, Mark D. (CA)
24 261 Zeillemaker, Fred (ID)
25 260 Greaves, Edward (CA)
 26 258 Linfield, Roger (CO)
 27 255 Fowler, Jim (MI)
 28 254 Schlegel, Tom (Switzerland)
 28 254 Johnson, Lee G. (IL)
30 253 Andres, Brad (VA)
31 252 Walton, Robert (IN)
32 251 Wachtler, Gloria (MN)
33 250 Wachtler, Richard (MN)
33 250 Hutman, Gary (MI)
 33 250 McCullough, Louise (CA)
 36 249 Burroughs, Ed (VA)
37 248 Finch, Ronald (DE)
38 247 Reber, Barbara (CA)
39 246 Steurer, Timothy (CA)
 40 243 Ostrander, Robert (SC)

ARIZONA — 531

1 525 Narins, David (FL)
2 500 Johnson, Bud (AZ)
 3 494 Demaree, Salome (AZ)
4 489 Bradley, Robert (CO)
 4 489 Babbitt, Charles (AZ)
6 488 Witzeman, Janet (AZ)
 7 485 Burns, Jim (AZ)
8 480 Stevenson, Mark (AZ)
9 473 Bates, Bob (AZ)
 10 451 Palmer, Richard (AZ)
 11 444 Hatcher, Elizabeth (AZ)
 12 443 Gottlieb, Joseph (FL)
13 440 Witzeman, Robert (AZ)
14 424 Ambrose, Robert (AZ)
15 423 Touret, Diane (AZ)
 16 414 Jones, Daniel (TX)
17 408 Dunn, Jon (CA)
18 407 Hirth, John (AZ)
19 406 Flower, Richard (AZ)
 19 406 Duerksen, Russell (AZ)
21 403 Hirth, Martha (AZ)
 22 402 Pollock, Molly (AZ)
23 398 Green, Clive (AZ)
23 398 Barnes, Sally (AZ)
25 396 Widner, Russell (AZ)
 26 383 Wilt, Richard (AZ)
 27 379 Sanders, Jeffrey (IL)
 27 379 Withgott, Jay (OR)
29 378 Haaseth, Ron (MA)
30 373 Schilk, Richard (CA)
 31 370 Cunningham, Richard (FL)
32 369 Deifik, David (NH)
32 369 Houser, Roy (AZ)

34 365 Komito, Sandy (NJ)
34 365 Hays, Jim (AZ)
36 362 Kaplan, Daniel (NC)
 37 361 Eastman, Roger (MD)
 38 360 Halsey, Laurens (AZ)
38 360 Matthiessen, Matthew (CA)
38 360 Cole, Mary Lou (TX)
41 359 Ward, Ken (VT)
42 352 Brink, Gerard (AZ)
43 351 Woolfenden, James (AZ)
44 349 Sanders, Ira (CO)
45 346 Marvin, Paul (FL)
 45 346 Carpenter, Mike (MD)
 47 345 Fekel, Francis (TN)
 48 344 San Miguel, Mike (CA)
49 340 Brink, Betty (AZ)
49 340 Gorman, William (NY)
49 340 Rose, B.J. (MO)
52 339 Sandsberry, Marian (AZ)
 53 335 Stilwell, Elton (TX)
53 335 Coatsworth, James (CA)
55 334 Videle, Jimmy (AZ)
 56 333 Kutska, Michael R. (IL)
 57 332 Broadbooks, N. Bruce (CA)
58 323 Timm, Richard (PA)
 59 322 Schlegel, Tom (Switzerland)
 60 321 McCullough, Louise (CA)
60 321 Cady, Wilson (WA)
60 321 Steurer, Grace L. (CA)
63 320 Bosse, Walter (RI)
 63 320 Stilwell, Lynne (TX)
63 320 Guest, Michael (AZ)
66 319 Chaffin, David (TN)
 67 317 Patterson, Easy (Australia)
67 317 Fox, Robert (MA)
 69 315 Gambill, Mary "Louise" (TX)
 69 315 Gambill, Charles "Red" (TX)
 71 312 Snider, Patricia (NM)
71 312 Kirsten, Edward (AZ)
71 312 Machover, Robert (NJ)
74 311 Greaves, Edward (CA)
 75 310 Tessen, Daryl (WI)
76 309 Pratt, Frederick (VT)
76 309 Burden, Kenneth (WA)
76 309 Clendenen, Steve (TN)
76 309 Clendenen, Gail W. (TN)
80 308 Peavler, Larry (IN)
 80 308 Haldeman, Mike (PA)
82 306 Peterson, Ted (WA)
 83 305 Koundakjian, Theodore (CA)
 83 305 Oldenettel, Jerry (NM)
83 305 Overton, Michael D. (IA)
86 304 Haw, James (IN)
86 304 Wyatt, Betty P. (CA)
86 304 Guse, Kevin (CA)
89 301 Percival, Brandon (CO)
89 301 Wilburn, Phyllis (CA)
 89 301 Parker, Jim (CA)
92 300 Vannoy, Donald (KS)
93 299 Seegert, Greg (IL)
 93 299 Hoogerheide, John (TX)
95 298 Meyers, Martin (CA)
 96 297 Henderson, John (TN)
 97 296 Master, Bernard (OH)
 98 295 Cudney, Mark D. (CA)
98 295 Anderson, Leif (AR)
 100 294 Calhoon, Kevin (TN)
100 294 Nelson, David W. (CA)
102 293 Duxbury-Fox, Dana (MA)
103 291 Bowers, Suzanne (CA)
103 291 Brandow, Robert H. (ME)
 103 291 Kornfeld, Steve (OR)
103 291 Steurer, Timothy (CA)
 103 291 Fowler, Jim (MI)
 103 291 Herlyn, Hendrik (OR)
109 290 Bowen, Michael (MD)
109 290 Walton, Robert (IN)

109 290 Freeman, Reid (AZ)
 109 290 Gay, Parker (UT)
 109 290 Jacobson, Daniel (TN)
 114 289 Moore, Stephen (MA)
 115 288 Willoughby, Hugh (RI)
 115 288 Barrett, Bruce (CA)
 117 287 Kersting, Cecil (LA)
 118 286 Spruance, Preston (CA)
 118 286 Haynie, Carl (WA)
 118 286 Munthe, Jens (UT)
 118 286 Fitch, John (CA)
 122 285 Munthe, Kathleen (UT)
 122 285 Johnson, Jerome (CA)
 124 284 Morris, Bernard (PA)
 124 284 Toochin, Michael (BC)
 124 284 Faike, David (ID)
 127 283 Argabrite, Wendell (WV)
 127 283 Fritz, John (NY)
 129 282 Kahle, Anne (CA)
 129 282 Matherly, Steven (TX)
 129 282 Hagen, Sherry (WA)
 129 282 Beatty, James (CO)
 133 281 Bowen, Joy (MD)
 133 281 Irvin, Richard (ID)
 133 281 Ryan, Richard (NJ)
 136 280 Leahy, Tim (WI)
 136 280 Hollinga, Ken (VA)
 136 280 Sarno, Winnie M. (OH)
 136 280 Burton, Kenneth (CA)
 136 280 Whelton, Bart (WA)
 136 280 Smithson, Bruce (NC)
 136 280 Sidler, M. Christine (RI)
 143 279 Lucchesi, Caryl (CT)
 143 279 Beyer, Kathy (UT)
 143 279 Beyer, Joel (UT)
 143 279 West, Steve (NM)
 143 279 Faike, Elise (ID)
 148 278 Weigant, Leo (MD)
 148 278 Miller, Greg (OH)
 150 277 Moore, Robert (TX)
 150 277 Derven, Peter (CO)
 150 277 O'Brien, Paul (MD)
 150 277 Zabriskie, James (NM)
 150 277 Stoecker, Don (MT)
 150 277 Peterson, Stacy (ID)
 156 276 Hodne, Garrett (TX)
 156 276 Cairo, Mary Ann (NY)
 158 275 Rogers, Michael M. (CA)
 158 275 Cairo, Warren (NY)
 160 273 Hagen, Arden (WA)
 161 272 Neville, Bruce (NM)
 161 272 Hewitt, Mary (NM)
 163 271 Carlson, Helen (MT)
 163 271 Smith, Edwin (MI)
 163 271 Hood, Larry (IL)
 166 270 Pomerantz, David (CA)
 166 270 Zeillemaker, Fred (ID)
 166 270 Baldinger, Barbara (MI)
 166 270 Crawford, Steven (KS)
 166 270 Malone, Larry (NM)
 171 269 Weinberger, Gerry (VA)
 171 269 Hamilton, Michael (NY)
 173 268 Williamson, Christine (IL)
 173 268 Barr, James (CA)
 173 268 Kopitzke, Jim (AZ)
 173 268 Wyatt, Caroline (FL)
 177 267 Feinberg, Harold S. (NJ)
 177 267 Laframboise, Bill (WA)
 179 266 Berger, Byron (OH)
 179 266 Laframboise, Nancy (WA)
 179 266 Schmitt, Sara (FL)

ARKANSAS — 392

1 355 Parker, Max (AR)
 1 355 Parker, Helen (AR)
 3 345 Nichols, Kenny (AR)
 4 344 Nichols, Ladonna (AR)

5 337 Harrington, Dolores (AR)
 6 334 Harrington, Donald (AR)
 7 320 Wilson, Jeff (TN)
 8 319 Shepherd, William (AR)
 9 314 Milburn, Martha (AR)
 10 308 Anderson, Leif (AR)
 11 307 Dillon, Mike (TX)
 12 288 McGee, Karen (AR)
 13 286 Rife, JoAnne (AR)
 14 277 Hearn, D. Delynn (AR)
 15 269 Berger, Sandy (AR)
 16 268 Withgott, Jay (OR)
 17 266 Gibson, Sally (AR)
 17 266 Brown, Bedford (LA)
 19 265 Barr, Timon (AR)
 20 260 Greene, Mark (TN)
 21 254 Easley, Kevin (FL)
 22 249 Mueller, Allan (AR)
 23 237 Cunningham, Richard (FL)
 24 227 Resch, Michael (MA)
 25 216 Knight, Gene (MS)
 26 212 McMahon, Jeri (OK)
 27 207 Woodard, Jimmy (OK)
 28 206 Knight, Shannon (MS)
 29 201 Waldrop, Rick (TN)
 30 199 Chaffin, David (TN)

CALIFORNIA — 622

1 580 Barrett, Bruce (CA)
 2 578 Dunn, Jon (CA)
 3 561 Bailey, Stephen F. (CA)
 4 555 San Miguel, Mike (CA)
 5 554 Parmeter, Benjamin (CA)
 6 551 Koundakjian, Theodore (CA)
 7 546 Greaves, Edward (CA)
 8 543 Koundakjian, Christine (CA)
 9 540 Rostron, Philip (TX)
 9 540 Johnson, Jerome (CA)
 11 535 Feighner, Michael (CA)
 11 535 Coatsworth, James (CA)
 13 532 Oldenettel, Jerry (NM)
 14 530 Zimmer, James (CA)
 15 528 Wihler, Mike (OR)
 16 522 Sayre, Phillip (CA)
 16 522 Brandt, Jean (CA)
 16 522 Rogers, Michael M. (CA)
 19 520 McCullough, Louise (CA)
 20 518 Norton, Richard (CA)
 21 516 LaBar, Bruce (WA)
 21 516 Elliott, Barbara (CA)
 23 515 Parmeter, John (NM)
 24 512 Keller, Paul (CA)
 25 511 Chandik, Ted (CA)
 26 509 Meyers, Martin (CA)
 26 509 Bumgardner, Michael (CA)
 26 509 Koonce, Alexander "Sandy" (CA)
 29 507 Wyatt, Betty P. (CA)
 30 506 Sosensky, Steve (CA)
 30 506 Richmond, Jean (CA)
 30 506 Steurer, Timothy (CA)
 33 502 Linfield, Roger (CO)
 34 501 Hunter, John (CA)
 34 501 Fitch, John (CA)
 36 500 Cudney, Mark D. (CA)
 37 499 Guse, Kevin (CA)
 38 496 Steurer, Fritz (CA)
 39 489 Steurer, Grace L. (CA)
 40 488 Nelson, David W. (CA)
 41 484 Burton, Kenneth (CA)
 42 483 Bouton, William (CA)
 43 476 Pereksta, David (CA)
 44 473 Rydell, William (CA)
 45 472 Carlson, Roy (CA)
 45 472 Cunningham, Richard (FL)
 47 464 LeVine, John (CA)
 48 463 Matthiessen, Matthew (CA)
 49 462 Elliott, Bruce (CA)

50 461 LeVine, Irma (CA)
 51 459 McMahon, Nancy (CA)
 52 455 Hornstein, Joel (CA)
 52 455 Groce, Betty (CA)
 54 454 Marvin, Paul (FL)
 55 452 Commeau, Guy (CA)
 56 450 Tobkin, Dorothy (CA)
 56 450 Separd, Kathleen (CA)
 58 449 Mellor, Norman H. (CA)
 58 449 Hamilton, John L. (CA)
 60 448 Kemper, John (OR)
 60 448 Almdale, Charles (CA)
 62 446 Hollinga, Ken (VA)
 63 444 Kahle, Anne (CA)
 63 444 Hemink, Lynn (CA)
 65 441 Grenfell, Bill (CA)
 66 440 Hart, Bill (CA)
 66 440 Reber, Barbara (CA)
 66 440 Currie, Rigdon (CA)
 66 440 Pandolfino, Ed (CA)
 70 436 Haveman, Merry (CA)
 70 436 Johnson, Lillian (CA)
 72 434 Burden, Kenneth (WA)
 73 432 Wilburn, Phyllis (CA)
 73 432 Kornfeld, Steve (OR)
 73 432 Chaniot, George (CA)
 76 430 Komito, Sandy (NJ)
 77 428 Ward, Ken (VT)
 77 428 Eliot, Ted (CA)
 79 427 Irvin, Richard (ID)
 80 425 Schlegel, Tom (Switzerland)
 81 424 Weber, Dave (CA)
 82 420 Knittle, Ken (WA)
 83 419 Cyger, Ron (CA)
 84 418 Freeman, Reid (AZ)
 85 415 Holmes, James (LA)
 86 414 Ledec, George (VA)
 86 414 u Beall, Dennis (CA)
 88 411 Peebles, Gary (CA)
 89 407 Gochfeld, Michael (NJ)
 90 404 Spruance, Preston (CA)
 91 400 Withgott, Jay (OR)
 92 398 Wagner, Gary (CA)
 92 398 Kluge, Karen (NH)
 94 396 Rosso, Paul (CA)
 95 393 Machover, Robert (NJ)
 96 392 Roark, David (CA)
 97 390 Thompson, Joe (CA)
 97 390 Sanders, Jeffrey (IL)
 99 387 Barr, James (CA)
 100 386 Bowers, Suzanne (CA)
 101 384 Bradley, Robert (CO)
 102 382 Parker, Jim (CA)
 103 381 Rycenga, Jennifer (CA)
 103 381 Metson, Jr., W. Graham (CA)
 105 380 Peterson, Stacy (ID)
 106 378 Hirth, John (AZ)
 106 378 Flower, Richard (AZ)
 108 375 Vandermeer, Virginia L. (CA)
 108 375 Fox, Robert (MA)
 108 375 Biggs, Wes (FL)
 111 374 Carter, Kris (ID)
 112 373 Rose, B.J. (MO)
 113 371 Meyer, Wayne (TX)
 114 370 Timm, Richard (PA)
 114 370 Langhoff, Dan (CA)
 114 370 Overton, Michael D. (IA)
 117 367 Stilwell, Elton (TX)
 118 365 Gardner, Frank (MA)
 118 365 O'Bannon, Douglas (CA)
 120 364 Weinberger, Gerry (VA)
 120 364 McMahon, Jeri (OK)
 120 364 Butcher, Greg (MD)
 123 363 Butts, Judy (OR)
 123 363 u Conley, Pamela (CA)
 125 362 Shelmerdine, Tim (OR)
 126 361 Emmons, Steven (CA)

126 361 Sykes, Paul (GA)
 128 360 Hirth, Martha (AZ)
 128 360 u Sonnenberg, Richard (CA)
 130 358 Smith, Edwin (MI)
 131 357 O'Brien, Paul (MD)
 131 357 Gambill, Mary "Louise" (TX)
 131 357 Gambill, Charles "Red" (TX)
 134 356 McNinch, David (NV)
 134 356 Persson, June (CA)
 136 355 Chaffin, David (TN)
 136 355 Hamilton, David (CA)
 136 355 u White, David (NM)
 139 353 Hamilton, Denise (CA)
 140 351 Walton, Robert (IN)
 140 351 McConnell, Paul (NM)
 142 350 Chad, Paul (OH)
 142 350 Rosenmeier, Terry (NH)
 144 349 Grenfell, Gregory P. (CA)
 144 349 Stone, Byron (TX)
 144 349 Anderson, Leif (AR)
 147 348 Schilk, Richard (CA)
 148 347 Deifik, David (NH)
 148 347 Carpenter, Mike (MD)
 150 345 Wulkowicz, Stanley (CA)
 150 345 Bono, Peter (CT)
 150 345 Weigant, Leo (MD)
 153 344 Willoughby, Hugh (RI)
 154 343 Haldeman, Mike (PA)
 155 342 Bauer, Paul (MO)
 155 342 Hamilton, Michael (NY)
 157 341 Smith, Shirley (MI)
 158 340 Kirsten, Edward (AZ)
 159 339 Devigne, Philippe (CA)
 160 338 Bowen, Michael (MD)
 161 337 Duerksen, Russell (AZ)
 162 336 Paul, Leonard (MI)
 162 336 Faike, David (ID)
 164 334 Holbrook, Robert (MD)
 164 334 Peavler, Larry (IN)
 164 334 Brown, Jeff (CA)
 167 333 Knaus, Ron (CA)
 167 333 Laframboise, Bill (WA)
 167 333 Miller, Greg (OH)
 170 331 Munthe, Kathleen (UT)
 170 331 Simonson, Gary (MN)
 170 331 Laframboise, Nancy (WA)
 170 331 Master, Bernard (OH)
 174 330 Stilwell, Lynne (TX)
 175 329 Fegarido, Carol (TN)
 175 329 Einspahr, Howard (NJ)
 177 327 Robb, Roger (OR)
 177 327 Munthe, Jens (UT)
 177 327 White, Tony (MD)
 177 327 Moore, Jim (CA)
 177 327 Haaseth, Ron (MA)
 177 327 Stoecker, Don (MT)
 183 326 Bosse, Walter (RI)
 183 326 Morris, Bernard (PA)
 183 326 Faike, Elise (ID)
 186 325 Gorman, William (NY)
 187 324 Bumgardner, Frank D. (TX)
 187 324 Kersting, Cecil (LA)
 187 324 Whelton, Bart (WA)
 187 324 Mark, David (NY)
 187 324 Barnes, Sally (AZ)
 192 323 Bowen, Joy (MD)
 192 323 Parsons, Robert (MB)
 194 322 Lucchesi, Caryl (CT)
 194 322 Carlson, W. Bradley (NY)
 194 322 Sifford, J. W. (TX)
 197 320 Horn, David (OH)
 197 320 Gatchet, John Francis (OR)
 199 319 Calhoon, Kevin (TN)
 199 319 Argabrite, Wendell (WV)
 199 319 McSweeney, Paul (OH)
 199 319 Stevenson, Mark (AZ)
 203 318 Clark, Roger (FL)

203 318 Gay, Parker (UT)
 203 318 Crabtree, Charles (TX)
 206 317 Sandsberry, Marian (AZ)
 206 317 Beyer, Joel (UT)
 208 316 Narins, David (FL)
 208 316 Zeillemaker, Fred (ID)
 208 316 Traver, Donna (NY)
 208 316 Beyer, Kathy (UT)
 208 316 Peterson, Laura (ID)
 213 315 Snider, Patricia (NM)
 213 315 Matherly, Steven (TX)
 213 315 Ostrander, Robert (SC)
 216 314 Jorvall, Hans (Sweden)
 217 313 Waldrop, Rick (TN)
 218 312 Chartier, Allen (MI)
 218 312 Woodley, Robert (WA)
 218 312 Carlson, Helen (MT)
 218 312 Fowler, Jim (MI)
 222 311 McDavid, Mary (NC)
 222 311 Weber, Wayne (BC)
 222 311 Dowling, Helen (FL)
 222 311 Dowling, William (FL)
 226 310 Davis, Phil (MD)
 226 310 Foxall, Roger (BC)
 226 310 Jacobson, Daniel (TN)
 226 310 Kutska, Michael R. (IL)
 230 309 Kaplan, Daniel (NC)
 230 309 Sanders, Ira (CO)
 230 309 Reid, Jr., Robert R. (AL)

COLORADO — 481

1 440 Spencer, Robert A. (CO)
 2 434 Himmel, Joe (CO)
 3 430 Silverman, David (CO)
 4 429 Sanders, Ira (CO)
 5 428 Zerbi, Victor (CO)
 5 428 Finch, Warren (CO)
 7 427 Bridges, Dan (CO)
 8 418 Hopper, Rachel (CO)
 9 414 Brockner, Winston William (CO)
 10 403 McConnell, Thomas C. (CO)
 11 401 Hayes, J. B. (CO)
 11 401 Faulkner, Doug (CO)
 13 399 Komar, Nicholas (CO)
 14 393 Brown, Robert (CO)
 14 393 Jickling, Bob (CO)
 16 387 Halsey, Laurens (AZ)
 17 380 Plooster, Myron (CO)
 17 380 Plooster, Suzi (CO)
 19 379 Nikas, Mark (OR)
 20 378 Brown, Lea Ann (CO)
 21 375 Siebert, Randy (CO)
 22 373 Ackley, Mymm (CO)
 23 363 Dinsmore, Stephen J. (MS)
 24 355 Sanders, Jeffrey (IL)
 25 348 Cobb, Bayard (CO)
 25 348 Stecher, Karl (CO)
 27 347 Dexter, Coen (CO)
 27 347 Modesitt, Larry (CO)
 29 345 Cobb, John (CO)
 30 342 Wright, Brenda (CO)
 31 341 Edwards, Lisa (CO)
 32 340 Smith, David (OR)
 32 340 Waltman, David (CO)
 32 340 Beatty, James (CO)
 35 333 Linfield, Roger (CO)
 36 326 Lawrence, Charles (CO)
 37 323 Derven, Peter (CO)
 38 317 Wathen, Wayne (CO)
 39 308 Dunn, Jon (CA)
 40 304 Fox, Robert (MA)
 41 302 Malone, Larry (NM)
 42 296 Lee, Marie Cecile (CO)
 43 291 Butcher, Greg (MD)
 44 289 Rose, B.J. (MO)
 45 287 Munthe, Kathleen (UT)
 46 286 Casey, Daniel (MT)

47 285 Munthe, Jens (UT)
 48 284 Wathen, Laura (CO)
 49 282 Hollinga, Ken (VA)
 50 278 Mihm-Dunning, Kathy (CO)
 51 269 Boyd, Roger L. (KS)
 52 268 Kihn, Thomas (TX)
 53 264 Bradley, Robert (CO)
 54 263 Burden, Kenneth (WA)
 55 261 Vannoy, Donald (KS)
 56 260 Coleman, Caroline Hill (CO)
 57 255 Gay, Parker (UT)
 58 254 Daniels, David (IN)
 59 252 Lucchesi, Caryl (CT)
 59 252 Stilwell, Lynne (TX)
 61 251 Cunningham, Richard (FL)
 62 250 Chaffin, David (TN)
 63 248 Crawford, Steven (KS)
 63 248 Talkington, Clark (ND)
 65 247 Rosche, Richard (NY)
 65 247 Schlegel, Tom (Switzerland)
 67 246 Weinberger, Gerry (VA)
 68 245 Batchelder, Robert (Argentina)
 68 245 Gochfeld, Michael (NJ)
 70 243 Snider, Patricia (NM)
 71 242 Kersting, Cecil (LA)
 72 241 Lehnert, Juergen (Germany)
 73 238 Guarente, Al (PA)
 74 236 Hodne, Garrett (TX)

CONNECTICUT — 409

1 341 Desjardins, Paul (CT)
 2 331 Nye, Elaine (CT)
 3 324 Dewire, Robert (CT)
 4 320 Hagen, Ed (CT)
 5 318 Ward, Ken (VT)
 6 315 Bosse, Walter (RI)
 7 311 Weintz, Todd (FL)
 8 303 Reneson, Edward (CT)
 9 301 Lucchesi, Caryl (CT)
 10 289 Norton, Frederick (CT)
 11 288 Hamilton, Nita (CT)
 12 284 Richards, Allan (MA)
 13 278 Bieda, Robert (MA)
 14 269 Eaton, Nancy (CT)
 15 268 Willoughby, Hugh (RI)
 15 268 Macaulay, Bill (CT)
 17 265 Withgott, Jay (OR)
 18 260 Wells, John (CT)
 19 256 Macaulay, Linda (CT)
 20 255 Butcher, Greg (MD)
 21 248 Bono, Peter (CT)
 22 245 Larsen, Reynold (RI)
 23 244 Cimbaro, Dan (CT)
 24 243 Resch, Michael (MA)
 25 241 Finizia, Daniel (RI)
 26 240 Meyer, Wayne (TX)
 27 238 Cargill, Dwight (VT)
 28 228 Kersting, Cecil (LA)
 29 221 Moyle, John (NY)
 30 219 Schlegel, Tom (Switzerland)
 31 218 Sidler, M. Christine (RI)
 32 217 Anderson, Leif (AR)
 33 214 Marcum, Eric (PE)
 34 207 Kelly, Rich (NY)

DELAWARE — 396

1 365 Campbell, Colin (DE)
 2 357 Rohrbacher, Frank (DE)
 3 353 Murphy, William (PA)
 4 348 Rufe, Bob (DE)
 5 335 Janowski, John (DE)
 6 331 Timm, Richard (PA)
 7 330 Guarente, Al (PA)
 8 327 Goverts, Irene G. J. (DE)
 9 325 Lehman, Jay G. (OH)
 10 324 Finch, Ronald (DE)
 11 316 Falk, Lloyd (DE)

12 306 Filemyr, Albert (PA)
 13 294 Conant, Skip (PA)
 14 293 Bowen, Michael (MD)
 15 292 Bowen, Joy (MD)
 16 281 White, Tony (MD)
 17 274 Weigant, Leo (MD)
 18 273 Watson-Whitmyre, Marcia (DE)
 19 264 Wilt, Richard (AZ)
 20 261 Kostenko, Jane (MD)
 20 261 Bell, James Tyler (MD)
 20 261 Reeves, Thomas (PA)
 23 259 Saunders, Norman (MD)
 24 258 Windfelder, Frank (PA)
 25 254 Saunders, Frances (MD)
 26 252 Feinberg, Harold S. (NJ)
 27 247 Oseinton, Peter (MD)
 28 246 Resch, Michael (MA)
 29 243 Comeau, Clifford (MD)
 30 241 Carpenter, Mike (MD)
 31 240 Anderson, Karen (VA)
 32 237 O'Brien, Paul (MD)
 32 237 Messersmith, Donald (MD)
 34 235 Schaff, Frank (MD)
 35 233 Nistico, Paul (MD)
 35 233 Hardy, Clayton (ME)
 37 232 Homan, Dick (MD)
 37 232 Schlegel, Tom (Switzerland)
 37 232 Churchill, John (MD)
 37 232 Levy, Sue (TX)
 41 230 Bono, Peter (CT)
 42 228 Carter, Robin (SC)
 43 227 Peters, Joy (MD)
 44 226 Drozdowski, Theodore (PA)
 44 226 Metson, Jr., W. Graham (CA)
 46 223 Machover, Robert (NJ)
 47 221 Rosche, Richard (NY)
 47 221 Ward, Ken (VT)
 49 220 Overton, Michael D. (IA)
 50 219 Gambill, Mary "Louise" (TX)
 50 219 Gambill, Charles "Red" (TX)
 50 219 Anderson, Leif (AR)
 53 218 Willoughby, Hugh (RI)
 53 218 Holbrook, Robert (MD)
 55 217 Walton, Robert (IN)
 55 217 Morris, Bernard (PA)
 57 214 Mahler, Glenn (NJ)
 58 212 Patton, Helen (MD)
 59 211 Richardson, Glen (MD)
 59 211 Cargill, Dwight (VT)
 61 209 Swift, Byron (DC)
 61 209 Sanders, Jeffrey (IL)
 63 208 Balestri, Marcia (MD)
 63 208 Lukens, Karl (NJ)
 65 206 Larsen, Reynold (RI)
 66 205 Lucchesi, Caryl (CT)
 67 203 Mahler, Eileen (NJ)
 67 203 Eastman, Caroline (SC)
 69 201 Bower, Jean (NJ)
 69 201 Bower, James (NJ)
 69 201 Dewire, Robert (CT)
 69 201 Murgatroyd, Paul (VA)
 73 200 Chalfant, Donald (MI)
 73 200 Dunn, Jon (CA)
 75 198 Moyle, John (NY)

DISTRICT OF COLUMBIA — 319

1 249 Pisano, Paul (VA)
 2 228 Swift, Byron (DC)
 3 221 Bowen, Michael (MD)
 4 211 Hubbell, John (MD)
 5 197 Bruce, E. Edward (DC)
 6 189 Stilwell, Elton (TX)
 7 179 White, Tony (MD)
 8 172 Comeau, Clifford (MD)
 9 170 Resch, Michael (MA)
 10 167 Master, Bernard (OH)
 11 165 Saunders, Norman (MD)

12 163 Dart, Shannon (VA)
 13 158 Bowen, Joy (MD)
 13 158 Ledec, George (VA)

FLORIDA — 492

1 454 Biggs, Wes (FL)
 2 446 Sykes, Paul (GA)
 3 438 Goodwin, David (FL)
 4 425 Dowling, William (FL)
 5 424 Dowling, Helen (FL)
 6 421 Powell, Peggy (FL)
 7 416 Fellers, Paul (FL)
 8 414 Hintermister, John (FL)
 9 412 Cooper, Byrum (FL)
 10 408 Canterbury, Dan (FL)
 11 407 Lanzillotti, Patricia (FL)
 12 403 Cooper, Linda (FL)
 12 403 Cunningham, Richard (FL)
 14 401 Clark, Roger (FL)
 15 399 Brooks, Jane (FL)
 15 399 Eaton, Margery (FL)
 17 398 Rapoza, Brian (FL)
 18 396 McGrath, Vincent (FL)
 19 386 Moore, Donald (FL)
 19 386 Hansen, Bev (FL)
 19 386 Hansen, Al (FL)
 22 379 Laborde, Kenneth (FL)
 22 379 Neville, Bruce (NM)
 24 375 Ahern, Brian (FL)
 25 372 Rogers, Tommie (MO)
 26 368 Sigsbee, James (FL)
 26 368 Bankert, Andy (FL)
 28 366 Bergstrom, Bradley J. (GA)
 29 361 Carter, Robin (SC)
 30 358 Gross, Stephen (FL)
 31 357 MacClendon, Travis (FL)
 32 356 Schlegel, Tom (Switzerland)
 33 354 Jones, Greg (FL)
 34 353 Narins, David (FL)
 35 351 Bremser, Jr., William J. "Bill" (FL)
 35 351 Rodriguez, Tom (FL)
 37 342 Cimbaro, Dan (CT)
 37 342 Coleman, Caroline Hill (CO)
 39 341 Chalfant, Donald (MI)
 39 341 Sanders, Jeffrey (IL)
 39 341 u Suitor, Doug (FL)
 42 337 Lucchesi, Caryl (CT)
 42 337 Eastman, Caroline (SC)
 44 334 Ward, Ken (VT)
 45 331 Calhoon, Kevin (TN)
 46 330 TROTT, ANTHONY (FL)
 46 330 Jones, Debbie (FL)
 48 325 Loftin, Horace (NC)
 49 324 Freedman, Nancy (FL)
 50 322 Pittell, Robert (FL)
 51 321 Komito, Sandy (NJ)
 52 320 Trott, Julie (FL)
 53 319 Marvin, Paul (FL)
 54 316 Thurston, David (FL)
 55 314 Epler, John (FL)
 56 313 Fox, Robert (MA)
 56 313 Putman, Robert (FL)
 58 312 Williams, Jean (FL)
 59 307 Miles, Clifford (NJ)
 60 305 Kruetzman, Russell (FL)
 60 305 Snow, Bob (FL)
 62 302 Menart, Tony (FL)
 62 302 Carlton, Bob (FL)
 64 301 Brigham, Rick (MI)
 65 299 Wyatt, Caroline (FL)
 65 299 Reid, Jr., Robert R. (AL)
 67 296 Evanson, Randall (FL)
 67 296 Chaffin, David (TN)
 69 294 Burkhardt, Kathleen (FL)
 69 294 Kopitzke, Jim (AZ)
 69 294 Parks, Johnny T. (GA)
 69 294 McCool, Sean (FL)

73 292 Duxbury-Fox, Dana (MA)
 73 292 Powers, Ward (FL)
 73 292 Dunn, Jon (CA)
 76 291 Mack, Bruce (SC)
 76 291 Reid, Elberta G. (AL)
 78 290 Pratt, Frederick (VT)
 78 290 Resch, Michael (MA)
 80 288 Peavler, Larry (IN)
 80 288 Waldrop, Rick (TN)
 82 287 Leip, WD (MO)
 82 287 Leip, Vera (MO)
 84 286 Feinberg, Harold S. (NJ)
 84 286 Canterbury, George (NE)
 84 286 Ross, Carolyn (FL)
 84 286 Henderson, John (TN)
 88 285 Bever, Emily (FL)
 89 283 Salvetti, John (PA)
 89 283 Hirth, John (AZ)
 91 282 Burden, Kenneth (WA)
 92 281 Hirth, Martha (AZ)
 92 281 Canterbury, Beverly (NE)
 92 281 Anderson, Leif (AR)
 95 279 Desjardins, Paul (CT)
 95 279 Schmitt, Sara (FL)
 97 277 McDavit, Mary (NC)
 97 277 Walton, Robert (IN)
 97 277 Stoecker, Don (MT)
 100 276 Lane, Robert (OH)
 100 276 Gochfeld, Michael (NJ)
 102 275 Hocevar, Charles (SC)
 102 275 Lane, Denise (OH)
 104 274 Bosse, Walter (RI)
 104 274 Simon, Joel (TX)
 106 273 Ward, Jr., James M. (NC)
 106 273 Barrett, Bruce (CA)
 108 272 Simon, Vicki (TX)
 108 272 Kersting, Cecil (LA)
 110 271 Jacobson, Daniel (TN)
 111 270 Gatchet, John Francis (OR)
 112 269 Morris, Bernard (PA)
 113 267 Moore, Robert (TX)
 113 267 Koundakjian, Theodore (CA)
 115 266 Irvin, Richard (ID)
 116 265 Gambill, Mary "Louise" (TX)
 116 265 Gambill, Charles "Red" (TX)
 118 264 Matherly, Steven (TX)
 118 264 Foxall, Roger (BC)
 120 262 Ellenberg, Richard (NM)
 120 262 Freeland, David (FL)
 122 260 Traver, Donna (NY)
 122 260 Traver, Donald (NY)
 122 260 Bathke, Joyce (MO)
 125 259 Rose, B.J. (MO)
 126 258 Chartier, Allen (MI)
 127 257 Willoughby, Hugh (RI)
 127 257 Newsome, Judy (TN)
 129 256 Timm, Richard (PA)
 129 256 Argabrite, Wendell (WV)
 129 256 Smith, Edwin (MI)
 129 256 McSweeney, Paul (OH)
 129 256 Cairo, Warren (NY)
 129 256 d Heilman, Annie (TN)
 135 255 Weinberger, Gerry (VA)
 135 255 Cairo, Mary Ann (NY)
 137 254 Richard, Carroll (SC)
 137 254 Haldeman, Mike (PA)
 137 254 Johnson, Lee G. (IL)
 137 254 Malone, Larry (NM)
 141 252 Kaplan, Daniel (NC)
 142 251 Jerome, Florence (ON)
 143 250 Finch, Ronald (DE)
 143 250 White, Tony (MD)
 143 250 Kutska, Michael R. (IL)
 146 249 Ladenberger, Nancy (WA)
 146 249 Haw, James (IN)
 146 249 Overman, Karl (MI)
 149 248 MacKenzie, Hue (BC)

149 248 Wittman, William (NM)
 151 247 Wade, M. K. Edge (MO)
 151 247 Nelson, David W. (CA)
 153 246 Gifford, Charles (VT)
 153 246 Hollinga, Ken (VA)
 153 246 Machover, Robert (NJ)
 153 246 Cole, Mary Lou (TX)
 157 245 MacKenzie, Jo Ann (BC)
 157 245 Padelford, Barbara (NE)
 157 245 Padelford, Loren (NE)
 157 245 Stilwell, Elton (TX)
 161 244 Saunders, Norman (MD)
 161 244 Bono, Peter (CT)
 163 243 Delorey, Alan (NH)
 163 243 Delorey, Barbara (NH)

GEORGIA — 416

1 370 Sewell, Jeff (GA)
 2 362 Dralle, Bruce (GA)
 3 360 Blakeslee, William (GA)
 4 354 Sykes, Paul (GA)
 5 349 Raney, Jr., Paul (GA)
 6 339 Ellenberg, Richard (NM)
 6 339 Lambert, Carol (GA)
 8 333 Trump, Rusty (GA)
 9 326 Keferl, Eugene (GA)
 10 321 Lotz, Bill (GA)
 11 320 Parks, Johnny T. (GA)
 12 314 Jacobson, Daniel (TN)
 13 310 Gatchet, John Francis (OR)
 14 305 Bergstrom, Bradley J. (GA)
 15 303 Hitt, Joel (GA)
 16 301 Hutchins, Brock (GA)
 17 296 Hanna, Jr., James (GA)
 18 295 Waldrop, Rick (TN)
 19 290 Freeman, Mark (GA)
 19 290 Borden, Walter (GA)
 21 275 Jacobson, Kathy (TN)
 22 273 Chaffin, David (TN)
 23 267 Calhoon, Kevin (TN)
 24 265 Beaton, R. Gifford (SC)
 25 263 Henderson, John (TN)
 26 261 Peake, Richard (TX)
 27 249 Carter, Robin (SC)
 28 238 Rogers, Tommie (MO)
 29 237 Anderson, Leif (AR)
 29 237 Gardella, Larry (AL)
 31 235 Dunn, Jon (CA)
 32 231 Miliotis, Paul (AL)
 32 231 Doud, Steven (IN)
 34 229 Braun, Charles (SC)
 35 226 Clark, Roger (FL)
 35 226 Hintermister, John (FL)
 35 226 Eastman, Caroline (SC)
 35 226 Reid, Jr., Robert R. (AL)
 39 224 Worthington, Pete (SC)
 40 221 Reid, Elberta G. (AL)
 41 220 Resch, Michael (MA)
 42 219 Wyatt, Caroline (FL)
 43 217 Johnson, Lee G. (IL)
 44 216 Hornstein, Joel (CA)
 45 214 Ward, Ken (VT)
 46 210 Narins, David (FL)
 46 210 Forsythe, Dennis M. (SC)
 48 209 Stoecker, Don (MT)
 49 208 Chalfant, Donald (MI)
 50 206 Newsome, Judy (TN)

HAWAII — 301

1 223 David, Reginald (HI)
 2 187 Wakefield-David, Susan (HI)
 3 183 Kuhn, David (HI)
 4 175 Snetsinger, Thomas (OR)
 5 163 Johnson, Bud (AZ)

IDAHO — 412

1 355 Miller, Albert Dale (ID)

2 350 Trost, Charles (ID)
 3 346 Jones, Marlin (ID)
 4 343 Faike, Elise (ID)
 4 343 Faike, David (ID)
 6 341 Gatchet, John Francis (OR)
 7 340 Trochlell, David (ID)
 8 321 Stitzinger, Gary (ID)
 8 321 Rowland, R. L. "MSGT" (ID)
 10 317 Vande Voorde, Carole (WA)
 11 313 Sturges, Brian (ID)
 12 304 Davis, Robert (ID)
 13 294 Struthers, Kit (ID)
 14 289 Hirth, Martha (AZ)
 14 289 Hirth, John (AZ)
 16 286 Cunningham, Richard (FL)
 17 271 Holick, David (ID)
 18 270 Zeillemaker, Fred (ID)
 19 244 Palmer, Jeffrey S. (SD)
 20 226 Gambill, Mary "Louise" (TX)
 20 226 Gambill, Charles "Red" (TX)
 22 222 Burden, Kenneth (WA)
 23 221 Whelton, Bart (WA)
 24 212 Carter, Kris (ID)
 25 211 Peterson, Stacy (ID)
 26 210 Willison, Michael (WA)
 27 206 Hagen, Arden (WA)
 28 205 Kuecherer, Dennis (ID)
 28 205 Stilwell, Elton (TX)
 30 202 Weber, Wayne (BC)

ILLINOIS — 438

1 407 Pucelik, Tom (IL)
 2 383 Sanders, Jeffrey (IL)
 3 368 Johnson, Lee G. (IL)
 4 364 Lane, Dennis (IL)
 5 363 Alberico, Cindy (IL)
 6 362 Brenner, David (IL)
 7 360 Palmer, Richard (AZ)
 8 356 Williamson, Christine (IL)
 9 354 Williamson, Geoffrey A. (IL)
 10 351 McMullen, Keith A. (IL)
 11 346 Kutska, Michael R. (IL)
 12 339 McKee, John (IL)
 13 337 Madsen, Michael (IL)
 14 336 McKee, Cynthia (IL)
 15 335 Fisher, Bob (IL)
 16 328 Fisher, Karen (IL)
 17 323 Sanders, Ira (CO)
 18 319 Geiser, Urs (IL)
 19 316 Sundberg, Jeff (IL)
 20 308 Lill, Joe (IL)
 21 306 Bauer, Paul (MO)
 22 304 Chenoweth, Marscha J. (IL)
 22 304 Brucker, Maurice (IL)
 24 303 Peavler, Larry (IN)
 25 301 McDaniel, John (MI)
 26 298 Daniels, David (IN)
 27 292 Eidel, Jim (NV)
 28 291 Moskoff, William (IL)
 28 291 Alwood, Cornelius (MO)
 30 285 Bertrand, Bill (IL)
 31 284 Anderson, Karen (VA)
 32 281 Hood, Larry (IL)
 33 279 Carpenter, Mike (MD)
 34 278 Friedman, Darlene (MI)
 35 277 Wright, Laraine (IL)
 36 276 Holbrook, Robert (MD)
 37 274 Greaves, Edward (CA)
 38 272 Bever, Emily (FL)
 38 272 Brown, Bedford (LA)
 40 270 Frank, James (WI)
 41 267 Breault, Kevin (TN)
 42 260 Cunningham, Richard (FL)
 42 260 Hopkins, Edward (IN)
 44 259 Seegert, Greg (IL)
 45 258 Bremser, Jr., William J. "Bill" (FL)
 46 256 Struthers, Kit (ID)

47 253 Haw, James (IN)
 48 250 Snider, Patricia (NM)
 48 250 Chaniot, George (CA)
 50 246 Bergstrom, Bradley J. (GA)
 50 246 Overman, Karl (MI)
 52 242 Withgott, Jay (OR)
 53 241 Dunn, Jon (CA)
 54 236 Wasilewski, Robert (WA)
 55 232 Rogers, Michael M. (CA)
 55 232 Chalfant, Donald (MI)
 57 230 Walton, Robert (IN)
 57 230 Stilwell, Elton (TX)
 59 226 Wile, Michael (WA)
 60 224 Anderson, Leif (AR)
 61 222 Resch, Michael (MA)
 62 220 Dilks, Stephen (MO)
 63 219 Whelton, Bart (WA)
 64 218 David, Karl (WI)

INDIANA — 402

1 365 Brock, Kenneth (IN)
 2 362 Hopkins, Edward (IN)
 3 353 Haw, James (IN)
 4 343 Peavler, Larry (IN)
 5 338 Cassady, John (IN)
 6 335 Powers, Edwin (IN)
 7 319 Doud, Steven (IN)
 8 317 Mills, Charles (IN)
 9 308 Sanders, Jeffrey (IL)
 10 294 Powers, Cynthia (IN)
 11 292 Osland, Gregory (IN)
 12 289 Walton, Robert (IN)
 13 285 Rang, Rodger (IN)
 14 280 Barriger, Lou Anne (IN)
 15 269 Chalfant, Donald (MI)
 16 268 Parker, Larry (IN)
 17 263 Dunn, Jon (CA)
 18 251 Faulkner, Doug (CO)
 19 248 Burton, Kenneth (CA)
 20 245 Tweedell, Joan (IN)
 21 244 Williamson, Geoffrey A. (IL)
 22 240 Stilwell, Elton (TX)
 23 239 Withgott, Jay (OR)
 24 232 Davis, Martha (IN)
 25 229 Christian, Joshua (IN)
 26 228 Bradburn, Curtis (IN)
 27 224 Overman, Karl (MI)
 28 220 Nicely, Polly (IN)
 29 209 Chaffin, David (TN)

IOWA — 407

1 380 Armstrong, Eugene (IA)
 2 379 Armstrong, Eloise (IA)
 3 376 Kent, Thomas H. (IA)
 4 370 Fuller, Jim (IA)
 5 362 Proescholdt, Mark (IA)
 6 359 Allen, Pamela (IA)
 6 359 Allen, Reid (IA)
 8 354 Proescholdt, Beth (IA)
 9 353 Dinsmore, Stephen J. (MS)
 10 351 Lowder, Kenneth (IA)
 11 337 Padelford, Barbara (NE)
 12 334 Padelford, Loren (NE)
 12 334 Rose, B.J. (MO)
 14 325 Overton, Michael D. (IA)
 15 315 Widner, Russell (AZ)
 16 307 Hoogerheide, John (TX)
 17 288 Overton, Dixie (IA)
 18 268 Brogie, Mark A. (NE)
 19 224 Matherly, Steven (TX)
 20 221 Levy, Sue (TX)
 21 217 Madsen, Michael (IL)
 21 217 Wade, M. K. Edge (MO)
 23 216 Stoecker, Don (MT)
 24 207 Hollinga, Ken (VA)
 24 207 TerLouw, Joe (WA)
 26 201 Laubach, Rene (MA)

KANSAS — 465

1	424	Corder, Mark (KS)
1	424	Rader, Mike (KS)
3	416	Pittman, Galen (KS)
4	412	Vannoy, Donald (KS)
5	403	Janzen, Pete (KS)
6	374	Gearheart, Matthew (KS)
7	371	Crawford, Steven (KS)
8	367	Williams, Dave (KS)
9	351	Boyd, Roger L. (KS)
10	346	Otte, Charles (KS)
11	345	Land, Mark E. (KS)
12	342	Groeneweg, Kevin (KS)
13	330	Percival, Brandon (CO)
14	326	Otte, Jaye (KS)
15	315	Godwin, Alan (KS)
16	309	Rakestraw, John (OR)
17	301	Pike, Ralph (KS)
18	300	Hollinga, Ken (VA)
18	300	Edwards, Lisa (CO)
20	272	Bergstrom, Bradley J. (GA)
21	269	Wade, M. K. Edge (MO)
22	268	Rose, B.J. (MO)
23	266	Berger, Byron (OH)
24	248	Woodard, Jimmy (OK)
25	246	Leonatti, Jean (MO)
26	236	Silverman, David (CO)

KENTUCKY — 372

1	298	Yandell, Ben (KY)
2	293	Peavler, Larry (IN)
3	278	Chaffin, David (TN)
4	275	O'Brien, Darrin (MI)
5	274	Dunn, Jon (CA)
6	273	McNeely, Lee (KY)
7	248	Wilson, Jeff (TN)
8	238	Andres, Brad (VA)
9	237	Parks, Johnny T. (GA)
10	226	Greene, Mark (TN)
11	220	Anderson, Leif (AR)
12	210	Getgood, John (VA)
13	207	Reid, Jr., Robert R. (AL)
14	201	Levy, Sue (TX)
15	199	d Heilman, Annie (TN)
16	198	Casteel, Phillip (TN)
17	196	Comeau, Clifford (MD)
17	196	Calhoon, Kevin (TN)
19	195	Walton, Robert (IN)
20	194	Jacobson, Daniel (TN)
20	194	Reid, Elberta G. (AL)
22	190	Argabrite, Wendell (WV)
22	190	Hood, Larry (IL)
24	189	Waldrop, Rick (TN)
24	189	Gambill, Mary "Louise" (TX)
24	189	Gambill, Charles "Red" (TX)
27	184	Shaw, Jan (TN)

LOUISIANA — 458

1	406	Newfield, Nancy L. (LA)
2	391	Lyon, Charles (LA)
3	378	Holmes, James (LA)
4	374	Heath, Stanley (UT)
5	369	Kersting, Cecil (LA)
6	357	Roark, David (CA)
7	351	Patten, Harvey L. (LA)
8	327	Brown, Bedford (LA)
9	325	Knight, Rick (TN)
10	316	Knaus, Ron (CA)
11	313	Finley, Joelle (LA)
12	308	Dunn, Jon (CA)
13	307	Pashley, David (VA)
14	297	Moore, Robert (TX)
15	295	Cunningham, Richard (FL)
15	295	Carter, Robin (SC)
17	289	Debellvue, Robert (LA)
18	287	Emmons, Steven (CA)

19	284	Anderson, Leif (AR)
20	274	Osenton, Peter (MD)
21	264	Worthington, Pete (SC)
22	259	Waldrop, Rick (TN)
23	254	Dillon, Mike (TX)
24	248	Fox, Robert (MA)
24	248	Mueller, Allan (AR)
26	246	Peterson, Stacy (ID)
27	244	Rosche, Richard (NY)
27	244	Faulkner, Doug (CO)
27	244	Sidler, M. Christine (RI)
30	241	Eastman, Caroline (SC)
31	239	Chaffin, David (TN)
32	237	Narins, David (FL)
33	236	Stoecker, Don (MT)
34	235	Stilwell, Elton (TX)
35	233	Peavler, Larry (IN)
36	232	Reid, Jr., Robert R. (AL)
37	230	Resch, Michael (MA)
37	230	Reid, Elberta G. (AL)

MAINE — 424

1	358	Townsend, William (ME)
2	333	Sucecki, Julie (ME)
3	331	Paul, Jr., Frank (ME)
4	325	u Coullon, Bridgt A. (ME)
5	320	Markowsky, Judy (ME)
6	307	Ward, Ken (VT)
7	304	Hinds, James W. (ME)
8	283	Brandow, Robert H. (ME)
9	277	Hardy, Clayton (ME)
10	270	Ryan, Richard (NJ)
11	269	Resch, Michael (MA)
12	267	Duchesne, Bob (ME)
13	257	Richards, Allan (MA)
14	253	Bieda, Robert (MA)
15	242	Slattery, Ed (MA)
15	242	Haines, David (ME)
17	240	Willoughby, Hugh (RI)
17	240	Dewire, Robert (CT)
19	237	Cargill, Dwight (VT)
19	237	Donsker, David (NH)
21	235	Stilwell, Lynne (TX)
21	235	Bartlett, H. Thomas (OH)
23	234	Miliotis, Paul (AL)
24	233	Kersting, Cecil (LA)
25	230	Dunn, Jon (CA)
26	224	Bosse, Walter (RI)
27	222	Fox, Robert (MA)
28	221	Duxbury-Fox, Dana (MA)
29	218	Machover, Robert (NJ)
30	216	Knutson, John (ME)
30	216	Knutson, Margaret (ME)
32	214	Weinberger, Gerry (VA)
32	214	Anderson, Leif (AR)
34	213	Delorey, Alan (NH)
34	213	Delorey, Barbara (NH)
34	213	Weber, Magill (WI)
37	212	Block, Andrew (NY)
38	211	Stilwell, Elton (TX)

MARYLAND — 422

1	381	O'Brien, Paul (MD)
2	368	Pisano, Paul (VA)
3	363	Kaestner, Hank (MD)
4	354	Broderick, Donald H. (MD)
5	351	Broderick, Carol (MD)
6	349	Saunders, Norman (MD)
7	348	Davis, Phil (MD)
8	347	Weigant, Leo (MD)
9	345	Saunders, Frances (MD)
10	333	Eastman, Roger (MD)
11	330	Churchill, John (MD)
12	328	White, Tony (MD)
13	327	Bell, James Tyler (MD)
14	325	Resch, Michael (MA)
15	321	Osenton, Peter (MD)

16	320	Kostenko, Jane (MD)
16	320	Miller, Greg (OH)
18	318	Holbrook, Robert (MD)
18	318	Jenkins, Kye (MD)
20	316	Nistico, Paul (MD)
21	311	Parks, Floyd (MD)
22	310	Kirkwood, Dennis (MD)
23	305	Timm, Richard (PA)
23	305	Messersmith, Donald (MD)
25	302	Balestri, Marcia (MD)
26	301	Schaff, Frank (MD)
27	300	Kaestner, Peter (Brazil)
28	299	Bowen, Michael (MD)
28	299	Swift, Byron (DC)
30	295	Watson-Whitmyre, Marcia (DE)
31	291	Bowen, Joy (MD)
32	290	Comeau, Clifford (MD)
33	289	Homan, Dick (MD)
34	288	Nistico, Pat (MD)
34	288	Hubbell, John (MD)
36	285	Patton, Helen (MD)
37	282	Getgood, John (VA)
38	281	Barnes, Satch "Wain" (MD)
39	280	Updegrove, Kermit (MD)
40	275	Metson, Jr., W. Graham (CA)
41	274	Anderson, Karen (VA)
42	272	Carpenter, Mike (MD)
43	265	Berlin, Kenneth (MD)
44	263	Dunn, Jon (CA)
45	258	Hood, Larry (IL)
46	257	Bono, Peter (CT)
47	255	Hollinga, Ken (VA)
48	253	Sandsberry, Marian (AZ)
49	252	Richardson, Glen (MD)
50	249	Peters, Joy (MD)
51	245	Borden, Walter (GA)
52	244	McCullough, Carol (MD)
53	241	Carter, Robin (SC)
54	240	Hartman, Bob (MD)
55	237	Hartman, Toni (MD)
55	237	Bruce, E. Edward (DC)
55	237	Gambill, Mary "Louise" (TX)
58	236	Stilwell, Elton (TX)
58	236	Gambill, Charles "Red" (TX)
60	230	McGrath, Vincent (FL)
61	227	Wlasniewski, Matt (PA)
61	227	Burden, Kenneth (WA)
63	226	Ward, Ken (VT)
63	226	Anderson, Leif (AR)
65	222	Willoughby, Hugh (RI)
65	222	Machover, Robert (NJ)
67	221	Lehman, Jay G. (OH)
68	215	Rosche, Richard (NY)
68	215	Ickes, Roy (PA)
70	214	McDavit, Mary (NC)
71	212	Falk, Lloyd (DE)
72	210	Weeks, Ann (MD)

MASSACHUSETTS — 476

1	430	Fox, Robert (MA)
2	418	Drummond, William C. (MA)
3	417	Soucy, Gerald (MA)
4	408	Anderson, Kathleen S. (MA)
5	407	Jodrey, Judge H. Lawrence (MA)
6	398	Richards, Allan (MA)
7	385	Moore, Stephen (MA)
8	382	Bieda, Robert (MA)
9	380	Kousky, June (MA)
9	380	Kousky, Vernon (MA)
11	379	Deifik, David (NH)
11	379	Center, Jonathan (MA)
13	377	Spalding, Oakes (MA)
14	372	Paluzzi, Joseph A. (MA)
15	369	O'Neill, Patty (MA)
16	366	Marcum, James (MA)
16	366	Bosse, Walter (RI)
18	364	Resch, Michael (MA)

19 362 Prince, Thomas F. (MA)
 19 362 Murray, Tom (MA)
 21 361 Willoughby, Hugh (RI)
 22 352 Duxbury-Fox, Dana (MA)
 23 349 Eaton, Nancy (CT)
 24 348 Cunningham, Richard (FL)
 25 347 Liller, John (MA)
 26 343 St. Jean, Janice (RI)
 27 341 Freeland, David (FL)
 28 337 Miliotis, Paul (AL)
 29 336 Halloran, Mark (NH)
 30 334 Mills, Katharine (MA)
 31 324 Gallaher, James (MA)
 32 323 Marcum, Eric (PE)
 33 321 Finizia, Daniel (RI)
 33 321 Desjardins, Paul (CT)
 35 314 Ward, Ken (VT)
 36 313 Laubach, Rene (MA)
 37 310 Halloran, Joyce (NH)
 38 309 Cargill, Dwight (VT)
 39 304 Withgott, Jay (OR)
 40 303 Dewire, Robert (CT)
 41 302 Metson, Jr., W. Graham (CA)
 42 300 Frechette, Richard (NH)
 43 299 Miles, Clifford (NJ)
 44 298 Haaseth, Ron (MA)
 44 298 Blakeslee, William (GA)
 46 296 Dinsmore, Stephen J. (MS)
 47 286 Roberts, Tom (MA)
 48 283 Machover, Robert (NJ)
 49 282 Gorman, William (NY)
 50 280 Harvey, Michael (NH)
 51 279 David, Karl (WI)
 51 279 Richard, Carroll (SC)
 53 276 Rose, Joshua (NC)
 54 271 Pratt, Frederick (VT)
 55 269 Donsker, David (NH)
 56 268 Capobianco, Peter (RI)
 56 268 Coullon, Bridgt A. (ME)
 58 260 Slattery, Ed (MA)
 59 259 Larsen, Reynold (RI)
 60 256 Schlegel, Tom (Switzerland)
 61 254 Anderson, Leif (AR)
 62 253 Pittman, Galen (KS)
 63 252 Cook, William (NY)
 63 252 Finch, Debra (MA)
 65 251 Lucchesi, Caryl (CT)
 66 250 Delorey, Alan (NH)
 66 250 Delorey, Barbara (NH)
 66 250 Bono, Peter (CT)
 69 248 Woodward, Robert (NH)
 70 247 Kersting, Cecil (LA)
 70 247 Sidler, M. Christine (RI)
 70 247 Mueller, Allan (AR)
 73 246 Burden, Kenneth (WA)
 74 243 Horn, David (OH)
 75 240 Getgood, John (VA)
 75 240 Gardner, Frank (MA)
 75 240 Malone, Larry (NM)

MICHIGAN — 423

1 371 Belyea, Glenn (MI)
 2 368 Wells, LaRue (MI)
 3 366 Granlund, Jim (MI)
 4 364 Bouton, William (CA)
 5 363 Chu, Philip (MN)
 6 357 Fowler, Jim (MI)
 7 354 Thomas, Kevin (MI)
 8 352 Chartier, Allen (MI)
 9 351 Chalfant, Donald (MI)
 10 350 Brigham, Rick (MI)
 11 349 Smith, Edwin (MI)
 11 349 Belyea, Maryanne (MI)
 13 347 Brooks, Don (MI)
 14 344 McDaniel, John (MI)
 14 344 Overman, Karl (MI)
 16 339 Lesser, James (MI)

17 338 Graf, Leonard (MI)
 18 337 Petrucha, Michael (MI)
 19 333 Friedman, Darlene (MI)
 19 333 Washington, David (MI)
 19 333 Smith, Macklin (MI)
 22 327 Putman, Robert (FL)
 23 323 Johnson, Sharon E. (MI)
 24 321 Haw, James (IN)
 25 320 Smith, Shirley (MI)
 26 319 Baldinger, Barbara (MI)
 27 318 Mencotti, Mike (MI)
 27 318 Einspahr, Howard (NJ)
 29 317 Grefe, Robert (MI)
 30 311 Sykes, Paul (GA)
 31 310 Hutman, Gary (MI)
 32 305 Shaum, Scott (MI)
 33 304 Sefton, Mike (MI)
 34 300 O'Brien, Darrin (MI)
 34 300 Ferguson, Elaine (MI)
 34 300 Haaseth, Ron (MA)
 37 298 Cassidy, John (IN)
 38 294 Febba, Sam (MI)
 38 294 Aspery, Daryl (MI)
 38 294 Kersting, Cecil (LA)
 41 290 Olesen, Janice (MI)
 42 287 Craves, Julie (MI)
 43 286 Ross, Carolyn (FL)
 44 285 Stilwell, Elton (TX)
 45 283 Bartlett, H. Thomas (OH)
 46 279 Berrigan, Paul (MI)
 46 279 Sanders, Jeffrey (IL)
 46 279 Phippen, Jeffrey (NC)
 49 278 Dunn, Jon (CA)
 50 277 Doud, Steven (IN)
 51 275 Arthurs, Bob (MI)
 52 272 Hocevar, Charles (SC)
 53 271 Putnam, Caleb (MI)
 54 269 Worthington, Pete (SC)
 54 269 Bowman, Bruce (MI)
 56 265 Epstein, Robert (MI)
 57 264 Bradburn, Curtis (IN)
 58 263 Chad, Paul (OH)
 58 263 Sniderman, Gerald (MI)
 60 262 Ladenberger, Nancy (WA)
 61 259 Huston, Eric (MI)
 61 259 Finch, Debra (MA)
 63 257 Rose, Joshua (NC)
 64 255 Powers, Edwin (IN)
 64 255 Watson, Carol (MI)
 66 253 Stebbins, Sally (MI)
 67 252 Auer, Tom (MI)
 68 249 Charbonneau, J. F. (MI)
 69 247 Peavler, Larry (IN)
 70 243 Haldeman, Mike (PA)
 71 241 Tweedell, Joan (IN)
 71 241 Epstein, Janet (MI)
 73 240 Schumacher, Chris (MI)
 74 235 Modesitt, Larry (CO)
 75 234 Bono, Peter (CT)
 76 233 Walton, Robert (IN)
 76 233 Gambill, Mary "Louise" (TX)
 76 233 Gambill, Charles "Red" (TX)
 79 226 Weigant, Leo (MD)
 80 225 Knittle, Ken (WA)
 80 225 Brucker, Maurice (IL)
 82 220 Chanot, George (CA)
 83 219 Getgood, John (VA)
 84 216 Kuecherer, Dennis (ID)
 85 213 Bedient, Phillip E. (MA)

MINNESOTA — 427

1 372 Martin, Dennis (MN)
 2 370 Wachtler, Richard (MN)
 2 370 Martin, Barbara (MN)
 4 369 Wachtler, Gloria (MN)
 5 366 Ekblad, Bob (MN)
 6 357 Mulligan, Mike (AB)

7 354 Stephenson, Jeff (MN)
 8 347 Thurston, David (FL)
 9 345 Eikenberry, James (MN)
 10 338 Stensaas, Sparky (MN)
 11 334 Camburn, Keith (NC)
 12 321 Chu, Philip (MN)
 13 319 Simonson, Gary (MN)
 14 317 Tarachow, Michael (TX)
 15 316 Levy, Sue (TX)
 16 313 Dostale, Merce (TX)
 17 298 O'Connor, Robert (MN)
 18 297 Felker, Linda (MN)
 19 280 Palmer, Jeffrey S. (SD)
 20 276 Norheim, Connie (ND)
 21 275 Hoogerheide, John (TX)
 22 242 Hood, Larry (IL)
 23 232 Wittman, William (NM)
 23 232 Rose, B.J. (MO)
 25 225 Kersting, Cecil (LA)
 26 224 Marvin, Paul (FL)
 27 222 Dailey, Lew (ND)
 27 222 Padelford, Barbara (NE)
 27 222 Padelford, Loren (NE)
 30 221 Haw, James (IN)
 31 220 Sanders, Jeffrey (IL)
 32 218 Moore, Robert (TX)
 33 217 Larsen, Reynold (RI)
 33 217 Auer, Tom (MI)
 35 216 Schmitt, Sara (FL)
 36 215 Rosche, Richard (NY)
 36 215 Nelson, David W. (CA)
 38 214 Vande Voorde, Carole (WA)

MISSISSIPPI — 410

1 367 Knight, Gene (MS)
 2 353 Schiefer, Terence (MS)
 3 352 Knight, Shannon (MS)
 4 342 Wilson, Jeff (TN)
 5 309 Dinsmore, Stephen J. (MS)
 6 292 Gray, Q. (MS)
 7 287 Weber, Wayne (BC)
 8 282 Kersting, Cecil (LA)
 9 273 Peterson, Stacy (ID)
 10 269 Dunnell, Mary (MS)
 11 267 Mueller, Allan (AR)
 12 253 Greene, Mark (TN)
 13 252 Faulkner, Doug (CO)
 14 250 Anderson, Leif (AR)
 15 239 Reid, Jr., Robert R. (AL)
 16 238 Fredricks, Gary (WA)
 16 238 Parks, Johnny T. (GA)
 18 233 Reid, Elberta G. (AL)
 19 223 Calhoon, Kevin (TN)
 20 222 Waldrop, Rick (TN)
 21 217 Resch, Michael (MA)
 21 217 Walton, Robert (IN)
 23 215 Chaffin, David (TN)
 24 214 Eastman, Caroline (SC)
 25 213 Carter, Robin (SC)
 26 212 Peavler, Larry (IN)
 27 209 Stoecker, Don (MT)
 28 206 Miliotis, Paul (AL)

MISSOURI — 406

1 380 Easterla, David (MO)
 2 358 Bauer, Paul (MO)
 3 353 Dilks, Stephen (MO)
 4 349 Lewis, Robert D. (MO)
 5 339 Hazelwood, Susan (MO)
 6 336 Wade, M. K. Edge (MO)
 7 325 Alwood, Cornelius (MO)
 8 319 Leonatti, Jean (MO)
 9 313 Bathke, Joyce (MO)
 10 310 Uffman, Joshua (MO)
 10 310 Crawford, Steven (KS)
 10 310 Lueders, Pat (MO)
 13 303 Gearheart, Matthew (KS)

14 302 Bever, Emily (FL)
 15 300 Pittman, Galen (KS)
 16 299 Willis, Doug (MO)
 17 297 Hamilton, John L. (CA)
 18 283 Pike, Ralph (KS)
 19 280 Kondrashov, Peter (MO)
 19 280 Rogers, Tommie (MO)
 19 280 Anderson, Kathleen (MO)
 22 279 Mayo, Kristi (MO)
 23 277 Rose, B.J. (MO)
 24 276 Land, Mark E. (KS)
 25 271 Cunningham, Richard (FL)
 26 264 Bremser, Jr., William J. "Bill" (FL)
 27 263 Leip, WD (MO)
 27 263 Leip, Vera (MO)
 29 262 Godwin, Alan (KS)
 30 261 Silverman, David (CO)
 31 258 Haw, James (IN)
 32 247 Hollinga, Ken (VA)
 33 244 McMullen, Keith A. (IL)
 34 242 Williams, Dave (KS)
 35 241 Mueller, Allan (AR)
 36 223 Gibson, David (MO)
 37 222 Getgood, John (VA)
 37 222 Talkington, Clark (ND)
 39 221 Anderson, Leif (AR)
 40 217 Carter, Robin (SC)
 41 216 Eastman, Caroline (SC)
 42 214 Wright, Laraine (IL)
 43 212 Stilwell, Elton (TX)
 43 212 Sanders, Jeffrey (IL)
 45 206 Eidel, Jim (NV)

MONTANA — 418

1 371 Carlson, Helen (MT)
 2 357 Marks, Jeff (MT)
 3 342 Schwitters, Michael (MT)
 3 342 Toppins, Terry (MT)
 5 336 Toppins, Carole (MT)
 6 333 Putnam, Caleb (MI)
 7 329 Brown, James (MT)
 8 325 Casey, Daniel (MT)
 9 321 Marble, Harriet (MT)
 10 318 Stoecker, Don (MT)
 11 294 Mowat, George (MT)
 12 290 Dinsmore, Stephen J. (MS)
 13 283 Malone, Larry (NM)
 14 276 Anderson, Kathleen S. (MA)
 15 260 Lefor, Jack (ND)
 16 246 Ward, Ken (VT)
 17 243 Whelton, Bart (WA)
 18 242 Hollinga, Ken (VA)
 19 239 Martin, Ron (ND)
 20 222 Hamilton, Denise (CA)
 20 222 Rose, B.J. (MO)
 22 221 Hamilton, David (CA)
 23 220 Burden, Kenneth (WA)
 23 220 Kersting, Cecil (LA)
 23 220 Faike, David (ID)
 26 213 Vande Voorde, Carole (WA)
 26 213 Faike, Elise (ID)
 28 209 Marvin, Paul (FL)
 29 208 Wilburn, Phyllis (CA)
 30 205 Weber, Wayne (BC)

NEBRASKA — 446

1 392 Dinsmore, Stephen J. (MS)
 1 392 Brogie, Mark A. (NE)
 3 386 Padelford, Barbara (NE)
 4 385 Silcock, Ross (IA)
 5 384 Padelford, Loren (NE)
 6 360 Rosche, Richard (NY)
 7 352 Rose, B.J. (MO)
 8 343 Brogie, Ellen L. (NE)
 9 335 Brogie, Ed M. (NE)
 10 313 Canterbury, Beverly (NE)
 10 313 Canterbury, George (NE)

12 307 Swanson, Phil (NE)
 13 305 Zeillemaker, Fred (ID)
 14 304 Pruess, Neva (NE)
 15 302 Dunn, Jon (CA)
 16 283 Malone, Larry (NM)

NEVADA — 475

1 392 Cressman, Marian (NV)
 2 384 Cressman, James (NV)
 3 366 Titus, Carolyn (NV)
 4 354 Scyphers, Greg (NV)
 5 350 Meyers, Martin (CA)
 6 348 Eidel, Jim (NV)
 7 305 McNinch, David (NV)
 8 285 Ward, Ken (VT)
 9 272 San Miguel, Mike (CA)
 10 261 Greaves, Edward (CA)
 11 251 Burden, Kenneth (WA)
 12 245 Hart, Bill (CA)

NEW HAMPSHIRE — 384

1 347 Mirick, Stephen (NH)
 2 340 Delorey, Alan (NH)
 3 338 Delorey, Barbara (NH)
 4 313 Donsker, David (NH)
 4 313 Suomala, Mark (NH)
 6 309 Frechette, Richard (NH)
 7 308 Resch, Michael (MA)
 8 296 Woodward, Robert (NH)
 9 292 Harvey, Michael (NH)
 10 285 Deifik, David (NH)
 11 279 Ward, Ken (VT)
 12 266 Fox, Robert (MA)
 13 257 Cargill, Dwight (VT)
 13 257 Richards, Allan (MA)
 15 254 Duxbury-Fox, Dana (MA)
 16 248 Ports, George (NH)
 17 247 Overman, Karl (MI)
 18 246 Bosse, Walter (RI)
 19 242 Bieda, Robert (MA)
 20 239 Taffe, William (NH)
 21 235 Ridgely, Beverly S. (NH)
 22 233 Willoughby, Hugh (RI)
 23 226 Spalding, Oakes (MA)
 24 225 u Coullon, Bridgt A. (ME)
 25 219 Anderson, Leif (AR)
 26 217 Mack, Bruce (SC)
 27 214 Rickard, Richard (OH)
 28 213 Sidler, M. Christine (RI)
 29 203 Kersting, Cecil (LA)
 30 202 Kluge, Karen (NH)
 31 200 Rosenmeier, Terry (NH)
 32 194 Narins, David (FL)
 33 193 Schlegel, Tom (Switzerland)
 34 190 Machover, Robert (NJ)

NEW JERSEY — 453

1 421 Ryan, Richard (NJ)
 2 419 Danzenbaker, John D. (NJ)
 3 418 Tischner, Kenneth (NJ)
 4 406 Herder, James (NJ)
 5 402 Merritt, Bradford A. L. (NJ)
 6 401 Wenzelburger, George (NJ)
 7 398 Schlegel, Tom (Switzerland)
 8 397 Freeland, David (FL)
 9 395 Lukens, Karl (NJ)
 10 394 Murphy, William (PA)
 11 391 Ward, Ken (VT)
 12 387 Prytherch, Kenneth (NJ)
 12 387 Mahler, Glenn (NJ)
 12 387 Lukens, Judy (NJ)
 15 386 Windfelder, Frank (PA)
 16 384 Mahler, Eileen (NJ)
 16 384 Blicharz, Raymond (NJ)
 18 383 Dodelson, Robert (NJ)
 18 383 Malmid, Stuart (NJ)
 20 380 Borowik, Edward (NJ)

21 375 Malmid, Wendy (NJ)
 22 370 Bailey, Tom (NJ)
 23 369 Feinberg, Harold S. (NJ)
 24 358 Hyett, Marvin (NJ)
 25 357 Machover, Robert (NJ)
 26 347 Ellman, Neil (NJ)
 26 347 Timm, Richard (PA)
 28 345 Komito, Sandy (NJ)
 29 343 Filemyr, Albert (PA)
 29 343 Fanning, Rob (NJ)
 31 338 Morris, Bernard (PA)
 32 332 Baytas, Ahmet (NJ)
 33 331 Weiss, Jr., William J. (NJ)
 34 330 Gochfeld, Michael (NJ)
 35 326 O'Brien, Paul (MD)
 36 324 Peachey, Jack (SC)
 37 323 Guarente, Al (PA)
 38 319 Master, Bernard (OH)
 39 315 Gorman, William (NY)
 40 313 Kirsten, Edward (AZ)
 41 303 Conant, Skip (PA)
 42 301 Reeves, Thomas (PA)
 42 301 Toffic, Greg (WA)
 44 300 Cairo, Mary Ann (NY)
 45 299 Rosche, Richard (NY)
 46 298 Pereksta, David (CA)
 47 297 Einspahr, Howard (NJ)
 48 295 Walton, Robert (IN)
 48 295 Gebhardt, Lois (VA)
 48 295 Cairo, Warren (NY)
 51 293 Drummond, John (VA)
 52 287 Kelly, Rich (NY)
 53 286 Bower, Jean (NJ)
 53 286 Bower, James (NJ)
 55 284 Dorman, Jean (NY)
 56 283 Engsberg, Richard (NJ)
 57 281 Casey, Daniel (MT)
 58 280 Woolfenden, Donald (NJ)
 58 280 Miles, Clifford (NJ)
 58 280 Sanders, Jeffrey (IL)
 58 280 Dunn, Jon (CA)
 62 277 Wlasniewski, Matt (PA)
 63 269 Borden, Walter (GA)
 64 268 Willoughby, Hugh (RI)
 65 267 Schaff, Frank (MD)
 65 267 DeReamus, Dave (PA)
 67 265 Woolfenden, Doris (NJ)
 67 265 Hall, Jeffrey (NJ)
 69 262 Rockmore, Matthew (PA)
 70 260 u Coullon, Bridgt A. (ME)
 71 259 Berlin, Kenneth (MD)
 72 257 Butcher, Greg (MD)
 73 256 Sykes, Paul (GA)
 73 256 Williamson, Geoffrey A. (IL)
 75 254 Glydon, Jamie (NJ)
 76 252 Moyle, John (NY)
 76 252 Lehman, Jay G. (OH)
 78 251 Withgott, Jay (OR)
 79 250 Schiefer, Terence (MS)
 80 248 Resch, Michael (MA)
 81 247 Block, Andrew (NY)
 81 247 Deem, Mary Lease (NJ)
 83 246 Dewire, Robert (CT)
 84 242 Bedient, Phillip E. (MA)
 85 240 Collins, John (NY)
 86 239 Larsen, Reynold (RI)
 86 239 Desjardins, Paul (CT)
 88 237 Anderson, Leif (AR)
 89 235 Falk, Lloyd (DE)
 90 234 Cargill, Dwight (VT)
 90 234 Elser, Lisa (Switzerland)
 90 234 Greaves, Edward (CA)
 90 234 Andres, Brad (VA)
 94 230 Richards, Allan (MA)
 95 229 Cook, William (NY)
 95 229 Fekel, Francis (TN)
 97 228 Peavler, Larry (IN)

98 226 Weigant, Leo (MD)
98 226 Carter, Robin (SC)

NEW MEXICO — 510

1 480 Parmeter, John (NM)
2 472 Oldenettel, Jerry (NM)
3 468 West, Steve (NM)
4 466 Gorbet, Larry (NM)
5 456 Rustay, Christopher (NM)
6 450 Emkalns, Douglas (NM)
7 445 West, William (NM)
8 443 Neville, Bruce (NM)
9 435 Wittman, William (NM)
10 398 Snider, Patricia (NM)
11 385 Cleary, David (NM)
12 381 Parmeter, Benjamin (CA)
13 378 Brozek, Celestyn (NM)
14 374 McConnell, Paul (NM)
15 372 Dunn, Jon (CA)
16 367 Malone, Larry (NM)
17 359 Zabriskie, James (NM)
18 357 Scott, Marcy (NM)
19 343 Wilt, Richard (AZ)
20 329 Hewitt, Mary (NM)
21 327 Hirth, Martha (AZ)
21 327 Hirth, John (AZ)
21 327 Jensen, Charles L. (NM)
24 314 Cunningham, Richard (FL)
25 312 Stilwell, Elton (TX)
25 312 Stilwell, Lynne (TX)
27 295 Jones, Daniel (TX)
28 288 Anderson, Leif (AR)
29 287 Sanders, Ira (CO)
29 287 u White, David (NM)
31 283 Ellenberg, Richard (NM)
32 275 Derven, Peter (CO)
33 274 Ristow, Mary (NM)
34 273 Rosche, Richard (NY)
35 271 Fox, Robert (MA)
36 269 Haldeman, Mike (PA)
37 268 Pasterczyk, Cathy (DC)
38 267 Walton, Robert (IN)
39 266 Burden, Kenneth (WA)
40 265 Gambill, Mary "Louise" (TX)
40 265 Gambill, Charles "Red" (TX)
42 263 Narins, David (FL)
43 262 Hodne, Garrett (TX)
44 260 Percival, Brandon (CO)
45 258 Duxbury-Fox, Dana (MA)
45 258 Bradley, Robert (CO)
45 258 Rose, B.J. (MO)
48 256 Sanders, Jeffrey (IL)
49 254 Berger, Byron (OH)
50 251 Johnson, Bud (AZ)

NEW YORK — 463

1 409 Ward, Ken (VT)
2 405 Fritz, John (NY)
3 382 Klauber, David (NY)
4 376 Long, MD, Robert E. (NY)
5 370 Hanyak, John J. (NY)
6 366 Kelly, Rich (NY)
7 361 Feinberg, Harold S. (NJ)
7 361 Salzman, Eric (NY)
9 350 Machover, Robert (NJ)
10 347 Gorman, William (NY)
11 343 Ryan, Richard (NJ)
12 340 Dorman, Jean (NY)
13 336 Gochfeld, Michael (NJ)
14 335 Moyle, John (NY)
15 334 Gebhardt, Lois (VA)
15 334 Chapin, Gary (NY)
17 330 Collins, John (NY)
17 330 Derven, Peter (CO)
19 328 Cook, William (NY)
20 324 Rosche, Richard (NY)
20 324 Pomerantz, David (CA)

22 322 Henderson, Diane (NY)
23 319 Komito, Sandy (NJ)
24 316 Freeland, David (FL)
25 315 Traver, Donna (NY)
25 315 Traver, Donald (NY)
25 315 Block, Andrew (NY)
28 314 David, Karl (WI)
28 314 Clark, Roger (FL)
28 314 Broderick, William D. (NY)
31 307 Shone, Ruth (NY)
32 305 Prosser, David (NY)
33 303 Brockner, Winston William (CO)
34 302 Campbell, Drew (NY)
35 297 Emmons, Steven (CA)
35 297 Berlin, Kenneth (MD)
37 296 Raymond, Peg (NY)
38 294 u Coullon, Bridgt A. (ME)
39 293 Allaire, Kenneth (NY)
40 290 Lehman, Jay G. (OH)
40 290 McGrath, Vincent (FL)
42 289 Robb, Roger (OR)
43 285 Hamilton, Michael (NY)
44 280 Mark, David (NY)
45 278 Carlson, W. Bradley (NY)
46 277 Worthington, Pete (SC)
47 267 Schlegel, Tom (Switzerland)
47 267 Butcher, Greg (MD)
49 266 Wells, John (CT)
50 265 Cairo, Mary Ann (NY)
51 263 Cairo, Warren (NY)
52 258 Cargill, Dwight (VT)
52 258 Gardner, Frank (MA)
54 257 Campos-Ramirez, Rafael (Costa Rica)
55 256 Getgood, John (VA)
55 256 Angehr, George (AA)
57 255 Baytas, Ahmet (NJ)
58 254 Williamson, Jacqueline (NY)
59 250 Mahler, Eileen (NJ)
60 249 Richards, Allan (MA)
61 248 Koonce, Alexander "Sandy" (CA)
62 247 Lucchesi, Caryl (CT)
62 247 Desjardins, Paul (CT)
64 246 Resch, Michael (MA)
64 246 Bartlett, H. Thomas (OH)
66 244 Bieda, Robert (MA)
66 244 Sidler, M. Christine (RI)
68 242 Levy, Sue (TX)
69 241 Pittell, Robert (FL)
70 239 Timm, Richard (PA)
71 235 Crins, Bill (ON)
72 234 Mahler, Glenn (NJ)
73 233 Willoughby, Hugh (RI)
73 233 Kersting, Cecil (LA)
73 233 Anderson, Leif (AR)

NORTH CAROLINA — 455

1 419 Davis, Ricky (NC)
1 419 LeGrand, Harry (NC)
3 417 Carter, Derb (NC)
4 401 Tyndall, Russ (NC)
5 399 Phippen, Jeffrey (NC)
6 394 Fuller, Wade (NC)
7 392 Boyd, Richard C. (NC)
8 391 Carlson, W. Bradley (NY)
9 390 Camburn, Keith (NC)
10 372 Dinsmore, Stephen J. (MS)
11 369 McDavit, Mary (NC)
12 364 Howe, Gene (NC)
13 358 Sykes, Paul (GA)
14 352 Knight, Rick (TN)
15 348 Boyd, Susan A. (NC)
16 347 Kaplan, Daniel (NC)
17 342 Galizio, Mark (NC)
17 342 Harris, Stephen (NC)
19 327 Shultz, Steve (NC)
20 319 Van Epps, Rob (NC)
21 316 Carter, Robin (SC)

22 315 Rose, Joshua (NC)
23 313 Peake, Richard (TX)
24 312 Comeau, Clifford (MD)
25 311 Martin, Dwayne (NC)
26 310 Smithson, Bruce (NC)
27 307 Eastman, Caroline (SC)
28 306 Calhoon, Kevin (TN)
29 303 Wyatt, Caroline (FL)
30 300 Yoder, Lee (NC)
30 300 Schlegel, Tom (Switzerland)
32 294 Ward, Jr., James M. (NC)
33 289 Worthington, Pete (SC)
33 289 Lenat, David (NC)
35 288 Kaminski, David (FL)
36 285 Glydon, Jamie (NJ)
37 279 Gibeau, Stewart (NC)
37 279 Parks, Johnny T. (GA)
39 269 Mack, Bruce (SC)
40 266 Chaffin, David (TN)
41 264 Beaton, R. Gifford (SC)
42 263 Waldrop, Rick (TN)
42 263 u Thomas, Erik (NC)
44 258 Gay, Parker (UT)
45 256 Braun, Charles (SC)
45 256 Anderson, Leif (AR)
47 253 Forsythe, Dennis M. (SC)
48 251 Timm, Richard (PA)
48 251 Johnston, Alan (NC)
50 249 Copeland, Ben M. (VA)
50 249 Ceselski, Andrea (SC)
50 249 d Heilman, Annie (TN)
53 248 Rogers, Tommie (MO)
54 247 Kaminski, Jill (FL)
55 246 Henderson, John (TN)
56 245 Dunn, Jon (CA)
57 243 Hintermister, John (FL)
57 243 Jacobson, Daniel (TN)
59 240 Gamache, Alan (NC)
60 239 Weber, Magill (WI)
60 239 Brooks, James (TN)
62 236 Marvin, Paul (FL)
62 236 Richard, Carroll (SC)
62 236 Resch, Michael (MA)
62 236 Kersting, Cecil (LA)
62 236 Sandsberry, Marian (AZ)
67 235 Hardister, John (NC)
68 234 Walton, Robert (IN)
69 233 Ward, Ken (VT)
70 228 Narins, David (FL)
70 228 Clark, Roger (FL)
70 228 Machover, Robert (NJ)
73 225 Burroughs, Ed (VA)
74 224 Loftin, Horace (NC)

NORTH DAKOTA — 391

1 356 Martin, Ron (ND)
2 349 Lambeth, David (ND)
3 338 Talkington, Clark (ND)
4 335 Ellingson, Corey (ND)
5 330 O'Connor, Robert (MN)
6 322 Lefor, Jack (ND)
7 296 Norheim, Connie (ND)
8 264 Easley, Steven (ND)
9 258 Rose, B.J. (MO)
10 252 Riemer, Dean (ND)
11 241 Ward, Ken (VT)
12 239 Ekblad, Bob (MN)
13 228 Holbrook, Robert (MD)
14 226 Bell, James Tyler (MD)
15 226 Kostenko, Jane (MD)
16 215 Sanders, Jeffrey (IL)
17 196 Waldrop, Rick (TN)

OHIO — 411

1 348 Bartlett, H. Thomas (OH)
2 339 Master, Bernard (OH)
3 336 Horn, David (OH)

4 328 Sanders, Dan (OH)
 5 320 Miller, Greg (OH)
 6 318 Gambill, Mary "Louise" (TX)
 6 318 Gambill, Charles "Red" (TX)
 8 317 Hocevar, Charles (SC)
 8 317 Toneff, Ann (OH)
 8 317 Toneff, Bill (OH)
 11 315 Rickard, Richard (OH)
 12 314 Fowler, Jim (MI)
 13 312 Dunn, Jon (CA)
 14 310 Chalfant, Donald (MI)
 15 307 Sarno, Winnie M. (OH)
 16 305 Lehman, Jay G. (OH)
 16 305 McSweeney, Paul (OH)
 18 300 Haw, James (IN)
 19 298 Sparks, Robert (OH)
 20 296 Brundage, Nancy (OH)
 21 292 Lesser, James (MI)
 22 291 Caldwell, Craig (OH)
 23 288 Hirth, Martha (AZ)
 24 287 Hirth, John (AZ)
 24 287 Overman, Karl (MI)
 26 285 Lane, Robert (OH)
 27 284 Lane, Denise (OH)
 28 282 Gardner, Paul (OH)
 29 276 Atkinson, Robert (OH)
 29 276 Meyst, Lois B. (OH)
 29 276 Meyst, Peter M. (OH)
 32 271 Reeve, Leonard (OH)
 33 270 Powers, Edwin (IN)
 34 268 Chartier, Allen (MI)
 34 268 Chad, Paul (OH)
 36 265 Peavler, Larry (IN)
 37 264 Carpenter, Mike (MD)
 37 264 Mencotti, Mike (MI)
 39 259 Brooks, Don (MI)
 40 255 Forsythe, Dennis M. (SC)
 40 255 Rakestraw, John (OR)
 42 253 Andres, Brad (VA)
 43 252 Washington, David (MI)
 44 251 Arthurs, Bob (MI)
 45 247 Friedman, Darlene (MI)
 46 245 O'Connor, Robert (MN)
 47 244 Anderson, Leif (AR)
 48 243 Kopka, Len (SC)
 49 241 Argabrite, Wendell (WV)
 50 240 Russell, Ken (AK)
 51 238 MacKenzie, Jo Ann (BC)
 51 238 Kittle, Paul (AL)
 53 236 Wulkowicz, Stanley (CA)
 53 236 Ross, Carolyn (FL)
 53 236 Scott, Marcy (NM)
 56 235 Walton, Robert (IN)
 56 235 Beatty, James (CO)
 58 226 Schmitt, Sara (FL)
 59 221 Baldinger, Barbara (MI)
 59 221 Salvadori, Antonio (ON)
 59 221 Thayer, Peter (FL)
 62 218 Pruess, Neva (NE)
 63 216 Parker, Larry (IN)
 63 216 Bowman, Bruce (MI)
 65 209 Ferguson, Elaine (MI)
 66 208 Pratt, Frederick (VT)
 67 206 Berrigan, Paul (MI)

OKLAHOMA — 464

1 413 Loyd, Jo (OK)
 2 406 Sterling, John (OK)
 3 405 McMahan, Jeri (OK)
 4 400 Seibert, Patricia (OK)
 4 400 Kamp, Martha B. (OK)
 6 394 Woodard, Jimmy (OK)
 7 387 Droege, Melinda (OK)
 8 386 Funston, Bob (OK)
 9 378 Woolbright, Shane (OK)
 10 370 Oliphant, Mitchell (OK)
 11 309 Withgott, Jay (OR)

12 295 McGee, Karen (AR)
 13 292 Berger, Sandy (AR)
 14 286 Vannoy, Donald (KS)
 15 270 Stilwell, Elton (TX)
 15 270 Anderson, Leif (AR)
 17 264 Carter, Robin (SC)
 18 258 Getgood, John (VA)
 19 251 Janzen, Pete (KS)
 20 250 Pittman, Galen (KS)
 21 240 Overton, Michael D. (IA)
 22 233 Hodne, Garrett (TX)

OREGON — 489

1 415 Herlyn, Hendrik (OR)
 2 413 Shelmerdine, Tim (OR)
 3 410 Sherrell, Paul (OR)
 4 401 Pettey, Diane (OR)
 5 400 Kornfeld, Steve (OR)
 6 398 Copeland, David (OR)
 7 394 Beretta, Marshall (OR)
 7 394 Freeman, Reid (AZ)
 7 394 Maulding, Sylvia (OR)
 10 386 Heyerly, Dan (OR)
 11 379 Gatchet, John Francis (OR)
 12 376 Stites, Bob (OR)
 13 369 Smith, David (OR)
 14 368 Robb, Roger (OR)
 15 365 Nikas, Mark (OR)
 16 363 Heyerly, Anne (OR)
 17 362 Fredricks, Gary (WA)
 18 360 Knittle, Ken (WA)
 19 355 Palmer, Richard (AZ)
 20 350 Ward, Ken (VT)
 21 347 Cady, Wilson (WA)
 22 338 Burden, Kenneth (WA)
 23 332 Zeillemaker, Fred (ID)
 23 332 Maulding, Rick (OR)
 25 331 Paul, Leonard (MI)
 25 331 Snetsinger, Thomas (OR)
 27 330 Sanders, Jeffrey (IL)
 28 323 Weber, Wayne (BC)
 29 318 Vande Voorde, Carole (WA)
 30 316 Wihler, Mike (OR)
 31 312 Kemper, John (OR)
 32 310 Willison, Michael (WA)
 33 307 Woodley, Robert (WA)
 34 304 Hagen, Arden (WA)
 35 303 Russell, Ken (AK)
 36 301 Cunningham, Richard (FL)
 37 298 Hagen, Sherry (WA)
 38 293 LaBar, Bruce (WA)
 39 289 Rakestraw, John (OR)
 40 275 Parks, Johnny T. (GA)
 41 270 Sandsberry, Marian (AZ)
 42 269 Langhoff, Dan (CA)
 43 266 Machover, Robert (NJ)
 44 259 Fox, Robert (MA)
 45 256 Duxbury-Fox, Dana (MA)
 45 256 Guse, Kevin (CA)
 47 253 Hatcher, Elizabeth (AZ)
 48 251 Weinberger, Gerry (VA)
 49 250 Peterson, Stacy (ID)
 50 247 Narins, David (FL)
 50 247 Whelton, Bart (WA)
 50 247 Malone, Larry (NM)
 53 246 Irvin, Richard (ID)
 54 245 Dunn, Jon (CA)

PENNSYLVANIA — 409

1 355 DeReamus, Dave (PA)
 2 354 Garner, Tom (PA)
 3 348 Colyer, Richard (PA)
 3 348 Morris, Bernard (PA)
 5 345 Hoffman, Joyce (PA)
 6 338 Murphy, William (PA)
 7 337 Lebo, Harold (PA)
 8 334 Guarente, Al (PA)

9 329 Schwalbe, Dr. Paul W. (WI)
 10 327 McWilliams, Gerald (PA)
 10 327 Schwalbe, Glenna (WI)
 12 307 Conant, Skip (PA)
 13 304 Timm, Richard (PA)
 14 302 Salvetti, John (PA)
 15 300 Windfelder, Frank (PA)
 15 300 Freeland, David (FL)
 15 300 Kyler, David (PA)
 18 299 Wlasniewski, Matt (PA)
 19 294 Schiefer, Terence (MS)
 20 285 Reeves, Thomas (PA)
 21 280 Ward, Ken (VT)
 22 272 Gerrish, Randolph (PA)
 23 270 Gerrish, Sarah (PA)
 24 268 Miller, Dennis (PA)
 25 267 Sinderson, Sam (PA)
 26 243 Strasser, Voni (PA)
 26 243 Strasser, Joseph (PA)
 26 243 Filemyr, Albert (PA)
 29 242 Bedient, Phillip E. (MA)
 29 242 Brockner, Winston William (CO)
 29 242 Andres, Brad (VA)
 32 239 Ickes, Roy (PA)
 33 238 Rockmore, Matthew (PA)
 34 236 Schlegel, Tom (Switzerland)
 35 233 Drozdowski, Theodore (PA)
 36 232 Anderson, Leif (AR)
 37 231 Chalfant, Donald (MI)
 38 229 Walton, Robert (IN)
 39 223 Resch, Michael (MA)
 39 223 Lane, Robert (OH)
 41 222 Lane, Denise (OH)
 42 220 Dunn, Jon (CA)
 43 219 Rosche, Richard (NY)
 44 214 Levy, Sue (TX)
 45 206 Chaffin, David (TN)
 46 205 Mueller, Allan (AR)

RHODE ISLAND — 421

1 362 Finizia, Daniel (RI)
 2 350 Bosse, Walter (RI)
 3 348 Willoughby, Hugh (RI)
 4 343 St. Jean, Janice (RI)
 5 326 Sidler, M. Christine (RI)
 6 323 Larsen, Reynold (RI)
 7 315 Pratt, Frederick (VT)
 8 307 Dewire, Robert (CT)
 9 301 Kersting, Cecil (LA)
 10 300 Thorndike, Ann (RI)
 10 300 Capobianco, Peter (RI)
 12 299 Talbot, Susan (RI)
 13 296 Magill, John (RI)
 14 292 Fox, Robert (MA)
 15 291 Norton, Frederick (CT)
 16 288 Gerdt, George (WA)
 17 283 Pedro, Carlos (RI)
 18 271 Ward, Ken (VT)
 19 256 O'Neill, Patty (MA)
 19 256 Anderson, Kathleen S. (MA)
 21 252 Richards, Allan (MA)
 22 251 Ridgely, Beverly S. (NH)
 23 249 Slattery, Ed (MA)
 24 242 Desjardins, Paul (CT)
 25 234 Bieda, Robert (MA)
 26 231 Resch, Michael (MA)
 27 228 Cargill, Dwight (VT)
 27 228 Osenton, Peter (MD)
 29 221 Spalding, Oakes (MA)
 30 215 Lucchesi, Caryl (CT)
 31 214 Anderson, Leif (AR)
 32 210 Duxbury-Fox, Dana (MA)

SOUTH CAROLINA — 420

1 373 Forsythe, Dennis M. (SC)
 2 364 Maxwell, Curtis R. "Bob" (SC)
 2 364 Eastman, Caroline (SC)

4 363 Carter, Robin (SC)
 5 361 Dias, Nathan (SC)
 6 358 Worthington, Pete (SC)
 7 341 Maxwell, Barbara L. (SC)
 8 335 Forsythe, Donna W. (SC)
 9 334 Peachey, Jack (SC)
 10 331 Beaton, R. Gifford (SC)
 10 331 Clark, Roger (FL)
 12 317 Calhoon, Kevin (TN)
 13 300 Ceselski, Andrea (SC)
 14 291 Lilly, Ritch (SC)
 15 289 Ostrander, Robert (SC)
 16 286 McDavit, Mary (NC)
 17 285 Harris, Stephen (NC)
 18 284 Hocevar, Charles (SC)
 18 284 Mack, Bruce (SC)
 20 278 Richard, Carroll (SC)
 21 270 White, Tim (SC)
 22 265 Martin, Dwayne (NC)
 23 255 Haw, James (IN)
 24 252 Ellis, Robert (SC)
 25 251 Braun, Charles (SC)
 26 250 Sykes, Paul (GA)
 27 248 Parks, Johnny T. (GA)
 28 246 Anderson, Leif (AR)
 29 245 Waldrop, Rick (TN)
 30 244 Mulhollan, Paige (SC)
 30 244 Peake, Richard (TX)
 32 243 Mulhollan, Mary Bess (SC)
 33 233 Borden, Walter (GA)
 34 231 Resch, Michael (MA)
 35 223 Ellenberg, Richard (NM)
 36 221 Feinberg, Harold S. (NJ)
 37 220 Marvin, Paul (FL)
 38 218 Van Epps, Rob (NC)
 39 217 Kopka, Len (SC)
 39 217 Rogers, Tommie (MO)
 41 215 Master, Bernard (OH)
 42 214 Wyatt, Caroline (FL)
 43 213 Chaffin, David (TN)
 43 213 Ward, Ken (VT)
 45 210 Rose, B.J. (MO)
 46 209 Gentile, Chris (SC)
 46 209 Magarian, Thomas (NY)

SOUTH DAKOTA — 416

1 362 Palmer, Jeffrey S. (SD)
 2 341 Rose, B.J. (MO)
 3 333 Rosche, Richard (NY)
 4 308 Talkington, Clark (ND)
 5 307 Martin, Ron (ND)
 6 301 Ellingson, Corey (ND)
 7 272 Dinsmore, Stephen J. (MS)
 8 270 Lefor, Jack (ND)
 9 238 Ward, Ken (VT)
 10 230 Brogie, Mark A. (NE)
 11 224 Sanders, Jeffrey (IL)
 12 213 Rolle, Kevin (HI)
 13 212 Wilt, Richard (AZ)
 14 209 Chaffin, David (TN)

TENNESSEE — 396

1 374 Wilson, Jeff (TN)
 2 355 Jacobson, Daniel (TN)
 3 351 Henderson, John (TN)
 4 340 Jacobson, Kathy (TN)
 5 337 Myers, Dollyann (TN)
 6 335 Calhoon, Kevin (TN)
 7 334 Zerbi, Victor (CO)
 7 334 Chaffin, David (TN)
 7 334 Greene, Mark (TN)
 10 332 Todd, Michael (TN)
 11 330 Witt, Terry (TN)
 12 329 Rogers, Tommie (MO)
 13 324 Knight, Rick (TN)
 14 321 Hoff, Ron (TN)
 15 320 Parks, Johnny T. (GA)

16 319 Brooks, James (TN)
 17 310 Casteel, Phillip (TN)
 17 310 Waldrop, Rick (TN)
 19 307 Shaw, Jan (TN)
 20 305 Newsome, Judy (TN)
 21 302 Cosner, Kin (TN)
 22 297 Clendenen, Steve (TN)
 22 297 Clendenen, Gail W. (TN)
 22 297 Fekel, Francis (TN)
 25 290 d Heilman, Annie (TN)
 26 257 Peavler, Larry (IN)
 27 254 Knight, Gene (MS)
 27 254 Lee, Thurston (TN)
 29 253 Gray, Q. (MS)
 30 237 Dunn, Jon (CA)
 31 235 Fegarido, Carol (TN)
 32 234 Knight, Shannon (MS)
 33 232 Gambill, Mary "Louise" (TX)
 33 232 Gambill, Charles "Red" (TX)
 35 228 Reid, Jr., Robert R. (AL)
 36 227 Resch, Michael (MA)
 37 225 Breault, Kevin (TN)
 38 224 Anderson, Leif (AR)
 39 222 Reid, Elberta G. (AL)
 40 218 Chaffin, Rebekah (TN)
 41 216 Ford, Susan (TN)
 42 208 Kersting, Cecil (LA)
 43 204 Walton, Robert (IN)
 44 200 Stilwell, Elton (TX)

TEXAS — 620

1 582 Ribble, Barbara (TX)
 1 582 Ribble, John (TX)
 3 579 Stilwell, Elton (TX)
 4 577 Gambill, Mary "Louise" (TX)
 4 577 Gambill, Charles "Red" (TX)
 6 556 Lasley, Greg (TX)
 7 555 Sifford, J. W. (TX)
 8 554 Gee, John (TX)
 9 553 Rostron, Philip (TX)
 10 552 Easley, Charles (TX)
 10 552 Bradford, David (TX)
 12 551 Frank, Tony (TX)
 13 550 Frank, Phyllis (TX)
 14 548 Carpenter, Eric (TX)
 15 544 Kittleman, Jane B. (TX)
 16 540 Jordan, Chris (TX)
 17 539 Sims, Richard (TX)
 18 533 Stilwell, Lynne (TX)
 19 529 Armstrong, Nanette (TX)
 19 529 Armstrong, Richard (TX)
 21 523 Wiedenfeld, Sue (TX)
 22 522 Haynie, Carl (WA)
 23 521 Overton, Michael D. (IA)
 24 519 Edwards, Carol E. (TX)
 24 519 Hodne, Garrett (TX)
 26 518 Ohmart, Robert (TX)
 27 517 Matherly, Steven (TX)
 28 516 Simon, Joel (TX)
 29 513 Bumgardner, Frank D. (TX)
 30 512 Simon, Vicki (TX)
 30 512 Jensen, Charles L. (NM)
 32 507 Dunn, Jon (CA)
 33 506 Stone, Byron (TX)
 33 506 Adams, Mark (TX)
 35 501 Odgers, John (TX)
 36 500 Redden, Jo (TX)
 37 498 Engleman, Dodge (TX)
 37 498 Cox, Joe (TX)
 39 496 Engleman, Lorna (TX)
 40 495 Stone, Robert (TX)
 41 493 Pinlelli, Thomas (TX)
 42 491 Coffey, K. Sheridan (TX)
 42 491 Lyon, Charles (LA)
 44 490 McHaney, Jimmy (LA)
 44 490 Menten, Bob (TX)
 46 488 Howell, Patricia (TX)

46 488 Huffman, Ronald (TX)
 46 488 O'Donnell, Jim (TX)
 46 488 Hoogerheide, John (TX)
 50 487 Howell, Charles (TX)
 51 486 Peake, Richard (TX)
 52 484 Phelps, James (TX)
 52 484 Smith, David (TX)
 54 479 Dillon, Mike (TX)
 55 477 Moore, Robert (TX)
 56 476 Vernon, Bettye (TX)
 57 475 Komito, Sandy (NJ)
 58 473 Pierce, Barrett (TX)
 59 470 Bruce, Lucienne (TX)
 60 469 Paul, Leonard (MI)
 61 465 Miliotis, Paul (AL)
 62 464 Vennema, Peter (NM)
 63 463 Clarke, James A. (TX)
 63 463 Haaseh, Ron (MA)
 65 461 Behrens, Judith (TX)
 66 460 Jones, Daniel (TX)
 67 459 Koundakjian, Theodore (CA)
 67 459 Metzler, Robert (TX)
 67 459 Rose, B.J. (MO)
 70 457 Halsey, Laurens (AZ)
 71 452 Cooney, Nick (TX)
 72 450 Wells, LaRue (MI)
 73 449 Fox, Robert (MA)
 74 448 Bumgardner, Jeanette J. (TX)
 75 444 Crabtree, Charles (TX)
 76 443 Marvin, Paul (FL)
 77 442 Cole, Mary Lou (TX)
 78 441 Emkalns, Douglas (NM)
 79 439 Gifford, Charles (VT)
 79 439 Carter, Robin (SC)
 79 439 Mueller, Allan (AR)
 82 438 Easley, Kevin (FL)
 83 436 Schaff, Frank (MD)
 84 434 Hargrove, Jim (TX)
 85 433 Pettingell, Noel (TX)
 85 433 Kersting, Cecil (LA)
 87 432 Gross, Steven (TX)
 87 432 Berger, Byron (OH)
 89 431 Cunningham, Richard (FL)
 89 431 Steurer, Timothy (CA)
 89 431 Land, Frederick (TX)
 92 429 Tarachow, Michael (TX)
 92 429 Knight, Rick (TN)
 92 429 Steurer, Grace L. (CA)
 95 428 Gay, Parker (UT)
 95 428 Neville, Bruce (NM)
 97 427 Dostale, Merce (TX)
 98 423 Patten, Harvey L. (LA)
 98 423 Finch, Debra (MA)
 98 423 Eastman, Caroline (SC)
 101 422 Coleman, Daniel (TX)
 101 422 Turnage, Marilyn (TX)
 103 420 Newfield, Nancy L. (LA)
 103 420 Carlson, Helen (MT)
 103 420 Anderson, Leif (AR)
 106 419 Cudney, Mark D. (CA)
 106 419 Roberts, Tom (MA)
 106 419 Mack, Bruce (SC)
 109 418 Vannoy, Donald (KS)
 109 418 Sanders, Jeffrey (IL)
 111 417 Toffic, Greg (WA)
 112 415 Hargrove, Linda (TX)
 112 415 Zabriskie, James (NM)
 114 414 Lanier, Bob (TX)
 114 414 Ward, Ken (VT)
 114 414 Master, Bernard (OH)
 117 413 Scott, Marcy (NM)
 118 411 Burden, Kenneth (WA)
 119 410 Hollinga, Ken (VA)
 120 409 Schlegel, Tom (Switzerland)
 120 409 TROTT, ANTHONY (FL)
 122 408 McCullough, Louise (CA)
 122 408 McCall, Claire (MA)

124	406	Richmond, Jean (CA)	200	368	Spruance, Preston (CA)	276	345	Davis, Phil (MD)
124	406	Trott, Julie (FL)	200	368	Wyatt, Betty P. (CA)	279	344	MacKenzie, Jo Ann (BC)
126	405	Levy, Sue (TX)	203	367	O'Brien, Paul (MD)	279	344	Broadbooks, N. Bruce (CA)
127	404	Percival, Brandon (CO)	203	367	Einspahr, Howard (NJ)	279	344	Metson, Jr., W. Graham (CA)
127	404	Greaves, Edward (CA)	203	367	Autin, Decie (TX)	279	344	Jones, Marlin (ID)
129	403	Flower, Richard (AZ)	206	366	Peavler, Larry (IN)	279	344	Stoecker, Don (MT)
130	402	Thurston, David (FL)	206	366	Widner, Russell (AZ)	279	344	Reid, Elberta G. (AL)
130	402	Jacobson, Daniel (TN)	208	365	Haw, James (IN)	285	343	Wittman, William (NM)
132	401	Sykes, Paul (GA)	208	365	Bowen, Michael (MD)	285	343	LeVine, Irma (CA)
132	401	Ferguson, Carol C. (TX)	208	365	Willoughby, Hugh (RI)	285	343	LeVine, John (CA)
132	401	Prothro, Brenda S. (TX)	208	365	Bono, Peter (CT)	288	342	McDavitt, Mary (NC)
135	400	Pratt, Frederick (VT)	208	365	Dowling, Helen (FL)	288	342	Nistico, Paul (MD)
135	400	Davis, France (TX)	208	365	Dowling, William (FL)	288	342	Smith, Jerry (WI)
137	396	Knaus, Ron (CA)	214	364	Rogers, Tommie (MO)	288	342	Reber, Barbara (CA)
138	395	Deifik, David (NH)	215	363	Chaffin, David (TN)	292	341	Moore, Stephen (MA)
138	395	Kornfeld, Steve (OR)	215	363	Johnson, Lee G. (IL)	292	341	Smith, Karen (WI)
138	395	Timm, Richard (PA)	217	362	Schall, Thomas E. (TX)	294	340	Lucchesi, Caryl (CT)
141	394	O'Connor, Robert (MN)	217	362	Feinberg, Harold S. (NJ)	294	340	Bowen, Joy (MD)
141	394	Munthe, Kathleen (UT)	217	362	Sarno, Winnie M. (OH)	294	340	Hagen, Sherry (WA)
141	394	Bumgardner, Michael (CA)	217	362	Argabrite, Wendell (WV)	294	340	Haldeman, Mike (PA)
141	394	Machover, Robert (NJ)	217	362	Miller, Ann (AL)	294	340	Hood, Larry (IL)
145	393	Smith, Edwin (MI)	217	362	Kluge, Karen (NH)	294	340	Withgott, Jay (OR)
145	393	Clark, Roger (FL)	217	362	Butcher, Greg (MD)	300	339	Hagen, Arden (WA)
145	393	Hewitt, Mary (NM)	224	361	Parmeter, Benjamin (CA)	300	339	Plooster, Suzi (CO)
148	392	Kihn, Thomas (TX)	225	360	Duxbury-Fox, Dana (MA)	302	337	Rogers, Michael M. (CA)
149	391	Munthe, Jens (UT)	225	360	Rosenmeier, Terry (NH)	302	337	Murray, Tom (MA)
149	391	Holmes, James (LA)	227	359	Ostrander, Robert (SC)	302	337	d Heilman, Annie (TN)
151	390	Meyer, Wayne (TX)	228	358	Modesitt, Larry (CO)	305	335	Menart, Tony (FL)
152	388	O'Brien, Darrin (MI)	228	358	Whelton, Bart (WA)	305	335	Knight, Shannon (MS)
152	388	Wilson, Jeff (TN)	228	358	Mulligan, Mike (AB)	305	335	Knight, Gene (MS)
154	387	Smith, Shirley (MI)	228	358	Pittman, Galen (KS)	305	335	Shaw, Jan (TN)
154	387	Barrett, Bruce (CA)	228	358	Ryan, Richard (NJ)	305	335	Weigant, Leo (MD)
154	387	Mark, David (NY)	233	357	Parmeter, John (NM)	310	334	Febba, Sam (MI)
154	387	Bartlett, H. Thomas (OH)	233	357	Hart, Bill (CA)	310	334	Roark, David (CA)
158	385	Peterson, Ted (WA)	233	357	Wihler, Mike (OR)	310	334	Delorey, Alan (NH)
158	385	West, Steve (NM)	233	357	Hansen, Bev (FL)	310	334	Delorey, Barbara (NH)
158	385	Pashley, David (VA)	233	357	Hansen, Al (FL)	314	332	Kuecherer, Dennis (ID)
161	384	Woodard, Jimmy (OK)	238	356	Saunders, Norman (MD)	314	332	Wright, Brenda (CO)
162	383	Irvin, Richard (ID)	239	355	Snider, Patricia (NM)	314	332	Dexter, Coen (CO)
163	382	Rosche, Richard (NY)	239	355	Sayre, Phillip (CA)	314	332	Meyers, Martin (CA)
163	382	McMahon, Jeri (OK)	239	355	Saunders, Frances (MD)	314	332	MacKenzie, Hue (BC)
163	382	Overman, Karl (MI)	239	355	Fredricks, Gary (WA)	314	332	Faike, Elise (ID)
166	380	Sandsberry, Marian (AZ)	239	355	Horn, David (OH)	314	332	Woolfenden, James (AZ)
167	379	Wilburn, Phyllis (CA)	239	355	Coatsworth, James (CA)	321	331	Leahy, Tim (WI)
167	379	Fowler, Jim (MI)	239	355	Miller, Greg (OH)	322	330	Shone, Ruth (NY)
169	378	Wade, M. K. Edge (MO)	246	354	Cargill, Dwight (VT)	322	330	Bergstrom, Bradley J. (GA)
169	378	Ekblad, Bob (MN)	247	353	Emmons, Steven (CA)	322	330	Pittell, Robert (FL)
169	378	Parsons, Robert (MB)	247	353	Smith, David (OR)	322	330	Henderson, John (TN)
169	378	Eliot, Ted (CA)	247	353	Leip, WD (MO)	326	328	Sosensky, Steve (CA)
169	378	Korducki, Mark (WI)	247	353	Leip, Vera (MO)	326	328	Kirsten, Edward (AZ)
174	377	Bosse, Walter (RI)	247	353	Morris, Bernard (PA)	326	328	Beaton, R. Gifford (SC)
174	377	Bain, Margaret (ON)	247	353	Yandell, Ben (KY)	326	328	Allinson, David (BC)
176	376	Jickling, Bob (CO)	253	351	Tessen, Daryl (WI)	326	328	Ross, Carolyn (FL)
176	376	Laubach, Rene (MA)	253	351	Hocevar, Charles (SC)	326	328	Rosso, Paul (CA)
176	376	Guse, Kevin (CA)	253	351	Gorman, William (NY)	326	328	Sanders, Ira (CO)
179	375	San Miguel, Mike (CA)	253	351	Thayer, Peter (FL)	333	327	Bertrand, Bill (IL)
180	374	Vandermeer, Virginia L. (CA)	253	351	Barnes, Sally (AZ)	333	327	Larsen, Reynold (RI)
180	374	Laframboise, Bill (WA)	258	350	Walton, Robert (IN)	335	326	Hartman, Toni (MD)
182	373	Hayes, Michael (TX)	258	350	Weinberger, Gerry (VA)	335	326	Fritz, John (NY)
182	373	Nichols, Kenny (AR)	258	350	Reid, Jr., Robert R. (AL)	335	326	Johnson, Jerome (CA)
182	373	Nichols, Ladonna (AR)	261	349	Wachtler, Gloria (MN)	335	326	Foxall, Roger (BC)
182	373	Laframboise, Nancy (WA)	261	349	Bedient, Phillip E. (MA)	335	326	Oliphant, Mitchell (OK)
186	372	Cooper, Linda (FL)	261	349	Nelson, David W. (CA)	335	326	Chalfant, Donald (MI)
186	372	Carter, Kris (ID)	261	349	Osenton, Peter (MD)	335	326	Jornvall, Hans (Sweden)
186	372	Hintermister, John (FL)	265	348	Wachtler, Richard (MN)	342	325	Hayes, J. B. (CO)
189	371	Chartier, Allen (MI)	265	348	Waldrop, Rick (TN)	342	325	Dilks, Stephen (MO)
189	371	Cooper, Byrum (FL)	265	348	Faike, David (ID)	342	325	Stirling, David (BC)
189	371	Russell, Ken (AK)	268	347	Calhoon, Kevin (TN)	342	325	Padelford, Barbara (NE)
192	370	Eikenberry, James (MN)	268	347	Siebert, Randy (CO)	342	325	Padelford, Loren (NE)
192	370	White, Tony (MD)	270	346	Narins, David (FL)	347	324	Reeve, Leonard (OH)
194	369	Resch, Michael (MA)	270	346	Carlson, W. Bradley (NY)	347	324	Hartman, Bob (MD)
194	369	Nye, Elaine (CT)	270	346	Desjardins, Paul (CT)	347	324	Faulkner, Doug (CO)
194	369	Worthington, Pete (SC)	270	346	Hatcher, Elizabeth (AZ)	347	324	Vande Voorde, Carole (WA)
194	369	Armstrong, Eugene (IA)	270	346	McGregor, Ian (WA)	347	324	Stevenson, Mark (AZ)
194	369	Armstrong, Eloise (IA)	270	346	Bradley, Robert (CO)	352	323	Kostenko, Jane (MD)
194	369	Toochin, Michael (BC)	276	345	Oldenettel, Jerry (NM)	352	323	Bell, James Tyler (MD)
200	368	Wulkowicz, Stanley (CA)	276	345	Parker, Jim (CA)	352	323	Schmitt, Sara (FL)

352 323 Komar, Nicholas (CO)
 352 323 Alberico, Cindy (IL)
 357 322 St. Jean, Janice (RI)
 357 322 Derven, Peter (CO)
 357 322 Breault, Kevin (TN)
 357 322 Brandow, Robert H. (ME)
 357 322 Hamilton, David (CA)
 357 322 Hamilton, Denise (CA)
 357 322 Wyatt, Caroline (FL)
 364 321 Hirth, John (AZ)
 364 321 Fitch, John (CA)
 364 321 Groeneweg, Kevin (KS)
 367 320 Barr, James (CA)
 367 320 Lehman, Jay G. (OH)
 367 320 Sidler, M. Christine (RI)
 370 319 Seegert, Greg (IL)
 371 318 Powers, Ward (FL)
 372 317 Hirth, Martha (AZ)
 372 317 Finch, Ronald (DE)
 374 316 Maulding, Sylvia (OR)
 375 315 Butts, Judy (OR)
 376 314 Gochfeld, Michael (NJ)
 376 314 Peebles, Gary (CA)
 378 313 Zeillemaker, Fred (ID)
 378 313 Woodrow, Mr. Terrie (ON)
 380 312 Pomerantz, David (CA)
 380 312 Kaplan, Daniel (NC)
 380 312 Willis, Doug (MO)
 380 312 Duerksen, Russell (AZ)
 380 312 Eidel, Jim (NV)
 385 311 Bowers, Suzanne (CA)
 385 311 Kanareff, Sharon (PA)
 385 311 Gardner, Paul (OH)
 385 311 Gatchet, John Francis (OR)
 389 310 Commeau, Guy (CA)
 389 310 Guarente, Al (PA)
 389 310 Persson, June (CA)
 389 310 Carpenter, Mike (MD)
 389 310 Linfield, Roger (CO)
 394 309 Neily, Larry (ON)

UTAH — 432

1 352 Beyer, Kathy (UT)
 1 352 Beyer, Joel (UT)
 3 324 Gay, Parker (UT)
 3 324 Thygeron, Alton (UT)
 5 317 Godwin, Alan (KS)
 6 309 Heath, Stanley (UT)
 7 306 Barlow, Glenn B. (UT)
 8 295 Carr, Steve (UT)
 9 260 Burden, Kenneth (WA)
 10 253 Munthe, Jens (UT)
 11 250 Haldeman, Mike (PA)
 12 249 Malone, Larry (NM)
 13 245 Munthe, Kathleen (UT)
 14 235 Ward, Ken (VT)
 15 234 Kersting, Cecil (LA)
 16 233 Lucchesi, Caryl (CT)
 17 231 Wright, Brenda (CO)
 18 230 Dexter, Coen (CO)
 19 226 Attridge, Barry (ON)
 20 224 Sidler, M. Christine (RI)
 21 219 Gifford, Charles (VT)
 21 219 Bradley, Robert (CO)

VERMONT — 370

1 308 Ward, Ken (VT)
 2 300 Cargill, Dwight (VT)
 3 291 Pratt, Frederick (VT)
 4 259 Gifford, Charles (VT)
 5 257 Hills, Larry (VT)
 6 248 Haugh, Larry (VT)
 7 231 Richards, Allan (MA)
 8 219 Resch, Michael (MA)
 9 208 Borden, Walter (GA)
 10 205 David, Karl (WI)
 10 205 Willoughby, Hugh (RI)

12 202 Bieda, Robert (MA)
 13 196 Fox, Robert (MA)
 13 196 Duxbury-Fox, Dana (MA)
 13 196 Cole, Mary Lou (TX)
 16 194 Horn, David (OH)
 17 193 St. Jean, Janice (RI)
 18 186 Murray, Tom (MA)
 19 185 Bosse, Walter (RI)
 20 184 Delorey, Alan (NH)

VIRGINIA — 450

1 365 Kitchens, Valerie (VA)
 2 363 Copeland, Ben M. (VA)
 3 358 Iwanik, Mike (VA)
 4 354 Snipes, Donald R. (VA)
 5 351 Sykes, Paul (GA)
 5 351 Peake, Richard (TX)
 7 350 White, K. Clark (VA)
 8 349 Getgood, John (VA)
 9 348 Copeland, Mary (VA)
 10 339 Clark, David (VA)
 10 339 Pisano, Paul (VA)
 12 335 Crookston, Mary A. B. (VA)
 13 332 Weinberger, Gerry (VA)
 14 329 Hollinga, Ken (VA)
 14 329 Drummond, John (VA)
 16 326 Ealding, Wendy (VA)
 17 302 Murgatroyd, Paul (VA)
 18 292 Dart, Shannon (VA)
 19 285 Malone, Larry (NM)
 20 282 Schaff, Frank (MD)
 20 282 O'Brien, Paul (MD)
 22 275 Weigant, Leo (MD)
 23 272 White, Tony (MD)
 24 271 Feinberg, Harold S. (NJ)
 25 270 Stilwell, Elton (TX)
 26 269 Carter, Robin (SC)
 27 265 Timm, Richard (PA)
 27 265 Messersmith, Donald (MD)
 29 264 Rieger, Rich (VA)
 30 261 Eastman, Caroline (SC)
 31 259 Nistico, Paul (MD)
 31 259 Swift, Byron (DC)
 33 258 Woodrow, Mr. Terrie (ON)
 34 255 Kaplan, Daniel (NC)
 35 253 Bowen, Michael (MD)
 35 253 Weber, Magill (WI)
 37 252 Burroughs, Ed (VA)
 38 251 Sanders, Jeffrey (IL)
 38 251 Osenton, Peter (MD)
 40 250 Burroughs, Carol (VA)
 40 250 Metson, Jr., W. Graham (CA)
 42 249 Wilt, Richard (AZ)
 43 245 Chaffin, David (TN)
 44 243 Comeau, Clifford (MD)
 44 243 Churchill, John (MD)
 44 243 Parks, Johnny T. (GA)
 47 242 Homan, Dick (MD)
 48 240 Worthington, Pete (SC)
 48 240 Guarente, Al (PA)
 50 238 Schlegel, Tom (Switzerland)
 51 236 Andres, Brad (VA)
 52 235 Anderson, Leif (AR)
 53 233 Argabrite, Wendell (WV)
 54 232 Gambill, Mary "Louise" (TX)
 54 232 Gambill, Charles "Red" (TX)
 56 231 Bowen, Joy (MD)
 57 230 Resch, Michael (MA)
 58 229 Waldrop, Rick (TN)
 58 229 Overman, Karl (MI)
 58 229 Machover, Robert (NJ)
 58 229 Overton, Michael D. (IA)
 62 228 McDavit, Mary (NC)
 63 227 Richardson, Glen (MD)
 64 226 Hubbell, John (MD)
 64 226 Sandsberry, Marian (AZ)
 66 221 Saunders, Norman (MD)

66 221 Batchelder, Robert (Argentina)
 68 216 Saunders, Frances (MD)

WASHINGTON — 476

1 415 Morse, Bob (WA)
 2 406 Knittle, Ken (WA)
 3 403 LaBar, Bruce (WA)
 4 402 Gerdts, George (WA)
 5 391 Burden, Kenneth (WA)
 5 391 Toffic, Greg (WA)
 7 385 Donahue, Michael (WA)
 8 379 Whelton, Bart (WA)
 9 378 Woodley, Robert (WA)
 10 375 Laframboise, Bill (WA)
 10 375 Cady, Wilson (WA)
 12 373 Laframboise, Nancy (WA)
 13 369 Armstrong, Howard (WA)
 13 369 McGregor, Ian (WA)
 15 366 Willison, Michael (WA)
 16 363 TerLouw, Joe (WA)
 16 363 Weber, Wayne (BC)
 18 360 Vande Voorde, Carole (WA)
 19 352 Gatchet, John Francis (OR)
 20 346 MacKenzie, Jo Ann (BC)
 21 340 MacKenzie, Hue (BC)
 22 338 Fredricks, Gary (WA)
 23 337 Palmer, Jeffrey S. (SD)
 24 336 Wile, Michael (WA)
 25 333 Meyer, Joyce (WA)
 25 333 Kanareff, Sharon (PA)
 27 331 Sanders, Jeffrey (IL)
 28 330 Shelmerdine, Tim (OR)
 29 324 Butcher, Greg (MD)
 30 323 Armstrong, Thais (WA)
 30 323 Hamilton, Nita (CT)
 32 318 Haynie, Carl (WA)
 32 318 Chantler, Dave (WA)
 34 317 Hirth, Martha (AZ)
 35 315 Ladenberger, Nancy (WA)
 35 315 Hirth, John (AZ)
 37 314 Hagen, Arden (WA)
 38 312 Hagen, Sherry (WA)
 39 309 Toochin, Michael (BC)
 40 308 Ward, Ken (VT)
 41 288 Paul, Leonard (MI)
 42 286 Sandsberry, Marian (AZ)
 43 284 Burns, Jim (AZ)
 44 270 James, John (WA)
 45 268 Wyatt, Caroline (FL)
 46 262 Rose, B.J. (MO)
 47 261 Zeillemaker, Fred (ID)
 48 255 Snetsinger, Thomas (OR)
 49 254 Stirling, David (BC)
 50 252 Nye, Elaine (CT)
 51 251 Willoughby, Hugh (RI)
 51 251 Schlegel, Tom (Switzerland)
 53 249 Worthington, Pete (SC)
 54 243 Riding, Keith (BC)
 55 241 Vooys, John (BC)
 56 240 Bruce, Lucienne (TX)
 56 240 Irvin, Richard (ID)
 58 239 Foxall, Roger (BC)
 59 238 Stoecker, Don (MT)
 59 238 Withgott, Jay (OR)

WEST VIRGINIA — 342

1 285 Argabrite, Wendell (WV)
 2 240 Orsie, Matthew (WV)
 3 211 Eddy, Greg (WV)
 4 196 Churchill, John (MD)
 5 195 Chaffin, David (TN)
 5 195 Lilly, Ritch (SC)
 7 192 Stebbins, Sally (MI)
 7 192 Cunningham, Richard (FL)
 9 184 Carter, Robin (SC)
 10 177 Resch, Michael (MA)
 11 176 Anderson, Leif (AR)

- 12 173 Rosche, Richard (NY)
- 12 173 Waldrop, Rick (TN)
- 12 173 Eastman, Caroline (SC)

WISCONSIN — 436

- 1 358 Kordecki, Mark (WI)
- 2 356 Smith, Jerry (WI)
- 3 352 Smith, Karen (WI)
- 4 344 Frank, James (WI)
- 5 342 Bontly, Marilyn (WI)
- 6 337 Belter, Dan (WI)
- 7 335 Kuecherer, Dennis (ID)
- 8 331 Peterson, Jesse (WI)
- 9 319 Sanders, Jeffrey (IL)
- 10 311 Schwalbe, Dr. Paul W. (WI)
- 11 307 Fass, Steven (WI)
- 11 307 Schwalbe, Glenna (WI)
- 13 305 Seegert, Greg (IL)
- 14 304 Leahy, Tim (WI)
- 15 302 Johnson, Lee G. (IL)
- 16 296 David, Karl (WI)
- 17 294 Brasser, Margaret (WI)
- 18 293 Brasser, David (WI)
- 19 288 Tessen, Daryl (WI)
- 20 282 Gordon, Richard J. (AK)
- 21 276 Kopitzke, Jim (AZ)
- 22 272 Green, Robert (WI)
- 22 272 Butcher, Greg (MD)
- 24 260 Fisher, Bob (IL)
- 25 255 Evanson, Randall (FL)
- 26 253 Hoogerheide, John (TX)
- 27 252 Weber, Magill (WI)
- 28 251 Fisher, Karen (IL)
- 29 232 Geiser, Urs (IL)
- 30 228 Gatchet, John Francis (OR)
- 31 221 Levy, Sue (TX)
- 32 220 Walton, Robert (IN)

WYOMING — 415

- 1 379 Herold, James H. (WY)
- 2 355 Michelson, Christian (WY)
- 3 342 Lawrence, James (WY)
- 4 340 Lawrence, Gloria (WY)
- 5 293 Faulkner, Doug (CO)
- 6 263 Dinsmore, Stephen J. (MS)
- 7 235 Rosche, Richard (NY)
- 8 229 Wile, Michael (WA)
- 8 229 Ward, Ken (VT)
- 10 228 Burden, Kenneth (WA)
- 11 225 Sanders, Ira (CO)
- 12 218 Malone, Larry (NM)
- 13 216 Tessen, Daryl (WI)
- 14 213 Meyers, Martin (CA)

ALBERTA — 406

- 1 352 McDonald, Joan (AB)
- 2 349 Tull, Eric (AB)
- 3 340 Slater, Andrew (AB)
- 4 338 Clibbon, Brooke (AB)
- 5 325 Fishkin, Alan (AB)
- 6 319 Mulligan, Mike (AB)
- 7 284 Stirling, David (BC)
- 8 270 Manly, Curtis (AB)
- 8 270 Manly, Michelle (AB)
- 10 265 Knittle, Ken (WA)
- 11 264 Korol, Burke (ON)
- 12 253 Jones, Paul (ON)
- 13 244 MacKenzie, Hue (BC)
- 14 241 Foxall, Roger (BC)
- 15 239 MacKenzie, Jo Ann (BC)
- 16 235 Weber, Wayne (BC)
- 17 230 Gray, Alex (ON)
- 18 222 Gates, Bryan R. (BC)
- 19 221 Ward, Ken (VT)
- 20 218 Rosche, Richard (NY)
- 21 214 Mitchell, Peter (QC)

BRITISH COLUMBIA — 481

- 1 435 Toochin, Michael (BC)
- 2 423 MacKenzie, Jo Ann (BC)
- 3 421 MacKenzie, Hue (BC)
- 4 414 Stirling, David (BC)
- 5 413 Force, Michael (BC)
- 6 412 Weber, Wayne (BC)
- 7 398 Allinson, David (BC)
- 7 398 Toochin, Sharon (BC)
- 9 391 Vanderpol, Hank (BC)
- 10 389 Gates, Bryan R. (BC)
- 11 388 Tkachuk, Russ (BC)
- 12 385 Foxall, Roger (BC)
- 13 381 Riding, Keith (BC)
- 14 378 Esralson, Lloyd (BC)
- 15 376 Begg, Barbara (BC)
- 16 370 Zaremba, Stefan (BC)
- 17 366 Cowan, Larry (BC)
- 18 347 Vooyo, John (BC)
- 19 341 Mark, David (NY)
- 20 334 Tull, Eric (AB)
- 21 329 Ward, Ken (VT)
- 22 325 Gray, Alex (ON)
- 23 315 Burden, Kenneth (WA)
- 24 314 Korol, Burke (ON)
- 25 294 McDonald, Joan (AB)
- 26 293 Jones, Paul (ON)
- 27 287 Crins, Bill (ON)
- 28 285 Clibbon, Brooke (AB)
- 29 275 Lucchesi, Caryl (CT)
- 29 275 Knittle, Ken (WA)
- 31 271 Tufts, Gordon W. (NS)
- 32 265 Murphy, Tim (Australia)
- 32 265 Neily, Larry (ON)
- 34 264 Mitchell, Peter (QC)
- 35 261 Brucker, Maurice (IL)
- 36 248 McDonald, Bob (NS)
- 37 243 Roseby, Ian (NS)

MANITOBA — 387

- 1 353 Grief, Gordon (MB)
- 2 346 Parsons, Robert (MB)
- 3 333 Barry, Douglas (MB)
- 4 331 Grief, Paula (MB)
- 5 330 Tkachuk, Russ (BC)
- 6 326 Grief, Susan (MB)
- 7 269 Hocesvar, Charles (SC)
- 8 263 Mark, David (NY)
- 9 254 Dunn, Jon (CA)
- 10 253 Jones, Paul (ON)
- 10 253 Tull, Eric (AB)
- 12 242 Downs, Jack (PA)
- 12 242 Downs, Elydia (PA)
- 14 241 Stirling, David (BC)
- 15 237 Hartman, Toni (MD)
- 15 237 Hartman, Bob (MD)
- 17 234 Moore, Robert (TX)
- 17 234 Bedient, Phillip E. (MA)
- 17 234 Stevenson, Mark (AZ)
- 20 233 Ward, Ken (VT)
- 21 232 Bartlett, H. Thomas (OH)
- 22 231 Gray, Alex (ON)
- 22 231 Butts, Judy (OR)
- 24 227 Overman, Karl (MI)
- 25 226 Donsker, David (NH)
- 26 225 Ladenberger, Nancy (WA)
- 26 225 Bowen, Michael (MD)
- 28 224 Bowen, Joy (MD)
- 28 224 Flower, Richard (AZ)
- 30 223 Sandsberry, Marian (AZ)
- 31 222 Woodley, Robert (WA)
- 31 222 Sigsbee, James (FL)
- 31 222 Finch, Ronald (DE)
- 31 222 Cairo, Warren (NY)
- 35 221 Lucchesi, Caryl (CT)
- 35 221 Bruce, Lucienne (TX)

- 35 221 Wyatt, Caroline (FL)
- 38 220 Pepper, Todd (ON)
- 38 220 Larsen, Reynold (RI)
- 38 220 Shaw, Jan (TN)
- 41 219 u Coullon, Bridgt A. (ME)
- 42 217 Gifford, Charles (VT)
- 42 217 Spruance, Preston (CA)
- 42 217 Cairo, Mary Ann (NY)
- 42 217 d Heilman, Annie (TN)
- 46 216 Kaplan, Daniel (NC)
- 46 216 Barriger, Lou Anne (IN)
- 46 216 Richmond, Jean (CA)
- 46 216 Oldenettel, Jerry (NM)
- 46 216 Hewitt, Mary (NM)
- 51 214 Sayre, Phillip (CA)
- 52 213 Bosse, Walter (RI)
- 53 212 Cook, William (NY)
- 54 211 Collins, John (NY)
- 54 211 McDonald, Bob (NS)
- 54 211 Clibbon, Brooke (AB)
- 57 210 Simonson, Gary (MN)
- 57 210 Korol, Burke (ON)
- 57 210 Foxall, Roger (BC)
- 60 209 Morris, Bernard (PA)
- 61 206 Haldeman, Mike (PA)
- 61 206 LeVine, Irma (CA)
- 61 206 LeVine, John (CA)
- 64 205 Tufts, Gordon W. (NS)
- 65 202 Forsythe, Dennis M. (SC)
- 65 202 Miller, Ann (AL)
- 67 201 Barnes, Sally (AZ)
- 68 200 Timm, Richard (PA)
- 69 198 Cooper, Linda (FL)
- 69 198 Cooper, Byrum (FL)
- 69 198 Snipes, Donald R. (VA)
- 72 197 Attridge, Barry (ON)
- 73 195 Almdale, Charles (CA)
- 74 193 Baldinger, Barbara (MI)

NEW BRUNSWICK — 409

- 1 263 Tull, Eric (AB)
- 2 232 Mitchell, Peter (QC)
- 3 231 Carlson, Helen (MT)
- 4 227 Bartlett, H. Thomas (OH)
- 5 214 McDonald, Bob (NS)
- 6 209 Foxall, Roger (BC)
- 7 204 Gray, Alex (ON)
- 8 203 Woodrow, Mr. Terrie (ON)
- 8 203 Jones, Paul (ON)
- 8 203 Ward, Ken (VT)
- 8 203 Neily, Larry (ON)

NEWFOUNDLAND — 384

- 1 225 Foxall, Roger (BC)
- 2 203 Jones, Paul (ON)
- 3 195 Gray, Alex (ON)

NORTHWEST TERRITORIES — 313

- 1 187 Jones, Paul (ON)
- 2 180 Tull, Eric (AB)
- 3 158 Gray, Alex (ON)

NOVA SCOTIA — 457

- 1 359 Foxall, Roger (BC)
- 2 340 Tufts, Gordon W. (NS)
- 3 303 McDonald, Bob (NS)
- 4 276 Neily, Larry (ON)
- 5 237 Gray, Alex (ON)
- 6 230 Roseby, Ian (NS)
- 7 228 Tull, Eric (AB)
- 8 226 Duerksen, Russell (AZ)

ONTARIO — 476

- 1 409 Currie, Hugh (ON)
- 2 402 Lindley, William (ON)
- 3 385 Gray, Alex (ON)

4	384	Bain, Margaret (ON)
4	384	Platt, Ian (ON)
6	379	Campbell, Drew (NY)
7	375	White, Ann (ON)
7	375	Gilchrist, Peter (ON)
9	367	Platt, Gavin (ON)
9	367	Crins, Bill (ON)
11	363	Payne, Gordon (ON)
12	354	Woodrow, Mr. Terrie (ON)
13	352	Overman, Karl (MI)
14	344	MacKenzie, Jo Ann (BC)
15	339	Fowler, Jim (MI)
16	337	Jones, Paul (ON)
17	335	Hobbs, Brian (ON)
18	333	Chartier, Allen (MI)
18	333	Foxall, Roger (BC)
20	324	Korol, Burke (ON)
21	322	Neily, Larry (ON)
22	320	Edwards, Martin H. (ON)
22	320	Salvadori, Antonio (ON)
24	319	Tull, Eric (AB)
25	318	Jerome, Florence (ON)
25	318	Broderick, William D. (NY)
27	317	Patterson, Easy (Australia)
27	317	Mark, David (NY)
27	317	Miller, Richard "Rick" (ON)
30	312	Pepper, Todd (ON)
31	309	Lesser, James (MI)
31	309	Barrett, Bruce (CA)
33	305	Bartlett, H. Thomas (OH)
34	304	Hamilton, Michael (NY)
35	302	Dunn, Jon (CA)
36	297	Brooks, Don (MI)
37	290	Johnson, Sharon E. (MI)
37	290	Bowman, Martin (NY)
39	289	Mencotti, Mike (MI)
40	288	Rosche, Richard (NY)
41	287	Washington, David (MI)
42	286	Mitchell, Peter (QC)
43	282	Chalfant, Donald (MI)
44	279	Shaum, Scott (MI)
45	278	Brockner, Winston William (CO)
46	277	Horgan, Gillian (NY)
47	275	Ross, Carolyn (FL)
48	272	Baldinger, Barbara (MI)
48	272	Attridge, Barry (ON)
50	271	Berrigan, Paul (MI)
50	271	Peavler, Larry (IN)
50	271	Clibbon, Brooke (AB)
53	269	Stilwell, Elton (TX)
54	262	Friedman, Darlene (MI)
54	262	Freeland, David (FL)
56	261	Henderson, Diane (NY)
57	259	Roseby, Ian (NS)
58	258	Febba, Sam (MI)
59	255	Sanders, Jeffrey (IL)
60	252	Arthurs, Bob (MI)
61	251	Kersting, Cecil (LA)
62	250	White, Tony (MD)
63	248	Smith, Edwin (MI)
63	248	Ward, Ken (VT)
65	247	Brucker, Maurice (IL)
66	245	Colyer, Richard (PA)
67	244	Ferguson, Elaine (MI)
68	243	McDonald, Joan (AB)
69	237	Olesen, Janice (MI)
69	237	Parsons, Robert (MB)

PRINCE EDWARD ISLAND — 332

1	246	Marcum, Eric (PE)
2	233	Seeler, David (PE)
3	180	Jones, Paul (ON)
4	173	Tull, Eric (AB)
5	168	Cargill, Dwight (VT)
6	167	Gray, Alex (ON)
7	165	Sanders, Jeffrey (IL)

QUEBEC — 447

1	367	Zenaitis, Guy (QC)
2	365	Mitchell, Peter (QC)
3	344	Landry, Peter (QC)
4	313	Barden, Olivier (QC)
5	306	Poisson, Guy (QC)
6	305	Thorpe, Kenneth W. (QC)
7	296	Roseby, Ian (NS)
8	282	Ferrier, Ilay (QC)
9	279	Jones, Paul (ON)
10	277	Foxall, Roger (BC)
11	273	Tull, Eric (AB)
12	269	Ward, Ken (VT)
12	269	Charlton, Steve (QC)
14	260	MacKenzie, Jo Ann (BC)
15	256	Neily, Larry (ON)
16	249	Bowman, Martin (NY)
17	245	Cargill, Dwight (VT)
18	236	Clibbon, Brooke (AB)
19	225	Gray, Alex (ON)
19	225	Horgan, Gillian (NY)
21	224	Barrett, Bruce (CA)

SASKATCHEWAN — 407

1	308	Korol, Burke (ON)
2	244	Jones, Paul (ON)
2	244	Tull, Eric (AB)
4	235	Foxall, Roger (BC)
5	228	Grief, Gordon (MB)
6	219	Gray, Alex (ON)
7	216	Ward, Ken (VT)
8	203	Stirling, David (BC)

YUKON TERRITORY — 291

1	156	Gray, Alex (ON)
2	155	Tull, Eric (AB)
3	154	Jones, Paul (ON)
4	149	Stirling, David (BC)

TOTAL TICKS — 27546

1	15880	Lehman, Paul (NJ)
2	12504	Dunn, Jon (CA)
3	11715	Kersting, Cecil (LA)
4	10674	Rosche, Richard (NY)
5	10272	Walton, Robert (IN)
6	10125	Sanders, Jeffrey (IL)
7	10014	Carter, Robin (SC)
8	10004	Resch, Michael (MA)
9	9501	Chaffin, David (TN)
10	9464	Eastman, Caroline (SC)
11	9387	Brock, Kenneth (IN)
12	9372	Overman, Karl (MI)
13	9090	Dinsmore, Stephen J. (MS)
14	8949	Smith, Edwin (MI)
15	8717	Anderson, Leif (AR)
16	8341	Chalfant, Donald (MI)
17	8338	Machover, Robert (NJ)
18	8262	Smith, Shirley (MI)
19	8211	Sidler, M. Christine (RI)
20	8153	Chartier, Allen (MI)
21	8090	Withgott, Jay (OR)
22	7971	Baldinger, Barbara (MI)
23	7622	Peavler, Larry (IN)
24	7178	Hood, Larry (IL)
25	7156	Pashley, David (VA)
26	7128	Larsen, Reynold (RI)
27	7116	Schlegel, Tom (Switzerland)
28	7100	Bowen, Michael (MD)
29	6883	Willoughby, Hugh (RI)
30	6677	Butcher, Greg (MD)
31	6514	Gochfeld, Michael (NJ)
32	6502	Neily, Larry (ON)
33	6469	Burton, Kenneth (CA)
34	6437	Waldrop, Rick (TN)
35	6430	Narins, David (FL)
36	6392	Weber, Wayne (BC)

37	6367	Overton, Michael D. (IA)
38	6316	Tull, Eric (AB)
39	6201	Powers, Edwin (IN)
40	6190	Ryan, Richard (NJ)
41	6070	Anderson, Kathleen S. (MA)
42	6056	Woodrow, Mr. Terrie (ON)
43	6034	White, Tony (MD)
44	6013	Bowen, Joy (MD)
45	5911	Foxall, Roger (BC)
46	5888	Barrett, Bruce (CA)
47	5848	Worthington, Pete (SC)
48	5680	Dewire, Robert (CT)
49	5671	Henderson, John (TN)
50	5632	Forsythe, Dennis M. (SC)
51	5623	Bono, Peter (CT)
52	5615	Richmond, Jean (CA)
53	5608	Holbrook, Robert (MD)
54	5607	Bosse, Walter (RI)
55	5590	Marvin, Paul (FL)
56	5542	Getgood, John (VA)
57	5511	Bradley, Robert (CO)
58	5486	Wilt, Richard (AZ)
59	5455	Kahle, Anne (CA)
60	5304	Richards, Allan (MA)
61	5244	Mack, Bruce (SC)
62	5240	Moyle, John (NY)
63	5231	Nye, Elaine (CT)
64	5212	Gambill, Mary "Louise" (TX)
64	5212	Gambill, Charles "Red" (TX)
66	5206	Guarente, Al (PA)
67	5181	Irvin, Richard (ID)
68	5160	Morris, Bernard (PA)
69	5058	Wathen, Wayne (CO)
70	4979	Clark, Roger (FL)
71	4959	Bieda, Robert (MA)
72	4922	Haldeman, Mike (PA)
73	4916	Bedient, Phillip E. (MA)
74	4884	Haaseth, Ron (MA)
75	4880	Wade, M. K. Edge (MO)
76	4855	Zeilemaker, Fred (ID)
77	4789	Master, Bernard (OH)
78	4744	Gatchet, John Francis (OR)
79	4707	Crins, Bill (ON)
80	4681	Casey, Daniel (MT)
81	4652	Rolle, Kevin (HI)
82	4628	Robb, Roger (OR)
83	4620	Woodley, Robert (WA)
84	4615	Sanders, Ira (CO)
85	4603	Parks, Johnny T. (GA)
86	4597	Sarno, Winnie M. (OH)
87	4590	Faulkner, Doug (CO)
88	4577	Freeland, David (FL)
89	4547	Comeau, Clifford (MD)
90	4533	Berrigan, Paul (MI)
91	4476	Wachtler, Gloria (MN)
92	4471	Wachtler, Richard (MN)
93	4456	Delorey, Alan (NH)
94	4455	Weinberger, Gerry (VA)
95	4443	Chanot, George (CA)
96	4431	Cunningham, Richard (FL)
97	4410	Mahler, Glenn (NJ)
98	4405	Bertrand, Bill (IL)
99	4381	Breault, Kevin (TN)
100	4357	Hagen, Arden (WA)
101	4346	Filemyr, Albert (PA)
102	4340	Delorey, Barbara (NH)
103	4316	Kelly, Rich (NY)
104	4262	Parsons, Robert (MB)
105	4221	Matherly, Steven (TX)
106	4086	Fowler, Jim (MI)
107	4066	Levy, Sue (TX)
108	4017	Ellman, Neil (NJ)
109	4010	West, Steve (NM)

ALL TERRITORIES & PROVINCES — 5046

1	2976	Tull, Eric (AB)
2	2808	Gray, Alex (ON)

3	2801	Jones, Paul (ON)	17	1703	Woodrow, Mr. Terrie (ON)	31	1246	Dunn, Jon (CA)
4	2759	Foxall, Roger (BC)	18	1670	Crins, Bill (ON)	32	1241	Walton, Robert (IN)
5	2335	Clibbon, Brooke (AB)	19	1660	Mitchell, Peter (QC)	33	1240	Grieff, Susan (MB)
6	2319	Ward, Ken (VT)	20	1646	Grieff, Gordon (MB)	34	1227	Chartier, Allen (MI)
7	2069	MacKenzie, Hue (BC)	21	1625	Weber, Wayne (BC)	35	1220	Parsons, Robert (MB)
8	2052	MacKenzie, Jo Ann (BC)	22	1568	McDonald, Joan (AB)	36	1215	Rosche, Richard (NY)
9	2021	Stirling, David (BC)	23	1465	Smith, Edwin (MI)	37	1175	Ferrier, Ilay (QC)
10	1993	Neily, Larry (ON)	24	1455	Gilchrist, Peter (ON)	38	1137	Bain, Margaret (ON)
11	1951	Lehman, Paul (NJ)	25	1391	Overman, Karl (MI)	39	1136	Barden, Olivier (QC)
12	1921	Mark, David (NY)	26	1370	Thorpe, Kenneth W. (QC)	40	1134	Sidler, M. Christine (RI)
13	1903	McDonald, Bob (NS)	27	1319	Slater, Andrew (AB)	41	1050	White, Tony (MD)
14	1859	Korol, Burke (ON)	28	1305	Baldinger, Barbara (MI)	42	1000	Moore, Jim (CA)
15	1856	Kersting, Cecil (LA)	29	1256	Smith, Shirley (MI)			
16	1737	Roseby, Ian (NS)	30	1250	Sanders, Jeffrey (IL)			

ANNUAL LISTS - TOTALS SEEN IN 2003

ANNUAL - ABA AREA

1	610	Korducki, Mark (WI)
2	585	Hollinga, Ken (VA)
3	572	Wade, M. K. Edge (MO)
4	569	Overton, Michael D. (IA)
5	566	Seegert, Greg (IL)
6	564	Palmer, Richard (AZ)
7	563	Touret, Diane (AZ)
8	558	Fredricks, Gary (WA)
9	542	Drummond, William C. (MA)
10	540	Miller, Greg (OH)
11	534	Meyers, Martin (CA)
12	529	Modesitt, Larry (CO)
13	528	Bathke, Joyce (MO)
14	522	Calhoon, Kevin (TN)
15	518	Schwitters, Michael (MT)
16	517	Tessen, Daryl (WI)
17	516	McGregor, Ian (WA)
18	513	Stensaas, Sparky (MN)
19	509	Porter, David (AK)
20	508	Bumgardner, Michael (CA)
21	503	Pierce, Barrett (TX)
22	502	Jacobson, Daniel (TN)
23	500	Laframboise, Bill (WA)
23	500	Gambill, Mary "Louise" (TX)
23	500	Gambill, Charles "Red" (TX)
26	498	Cooney, Nick (TX)
27	495	Sanders, Dan (OH)
28	493	Newsome, Judy (TN)
29	490	Greaves, Edward (CA)
30	488	Percival, Brandon (CO)
31	485	Coffey, K. Sheridan (TX)
32	482	Laframboise, Nancy (WA)
32	482	Lukens, Karl (NJ)
34	481	Cabe, Dick (CA)
34	481	Lehman, Jay G. (OH)
36	480	Hodne, Garrett (TX)
37	478	Thurston, David (FL)
37	478	Ohmart, Robert (TX)
39	477	Filemyr, Albert (PA)
39	477	Sosensky, Steve (CA)
41	474	White, Stuart (VA)
42	473	Gardner, Paul (OH)
43	472	Ackley, Mymm (CO)
43	472	Goodwin, David (FL)
45	470	Gross, Steven (TX)
46	462	Bowen, Michael (MD)
46	462	Weber, Magill (WI)
48	461	Odgers, John (TX)
49	455	Bowen, Joy (MD)
49	455	Oldenettel, Jerry (NM)
51	452	Felker, Linda (MN)
51	452	Slattery, Ed (MA)
53	450	Hartman, Bob (MD)
54	448	Koonce, Alexander "Sandy" (CA)
55	445	Kersting, Cecil (LA)
55	445	Detwiler, Henry (AZ)
57	444	Reber, Barbara (CA)

58	443	Hemink, Lynn (CA)
59	442	Hartman, Toni (MD)
60	440	Nelson, David W. (CA)
61	436	Clark, Roger (FL)
62	434	Overman, Karl (MI)
63	432	Lyon, Charles (LA)
64	430	Moore, Jim (CA)
64	430	Rosso, Paul (CA)
66	429	Hagen, Arden (WA)
67	427	Rapoza, Brian (FL)
68	421	Matthiessen, Matthew (CA)
68	421	Sidler, M. Christine (RI)
70	420	Weigant, Leo (MD)
71	418	Allaire, Kenneth (NY)
72	416	Carlson, W. Bradley (NY)
73	414	Sarno, Winnie M. (OH)
73	414	Duerksen, Russell (AZ)
73	414	Guse, Kevin (CA)
76	412	Carlson, Roy (CA)
76	412	Williams, Jean (FL)
76	412	Komar, Nicholas (CO)
79	410	Rycenga, Jennifer (CA)
80	409	Hagen, Sherry (WA)
80	409	Chalfant, Donald (MI)
80	409	Land, Frederick (TX)
83	408	Leahy, Tim (WI)
83	408	Teague, Glenn (WA)
83	408	Simon, Vicki (TX)
83	408	Simon, Joel (TX)
83	408	Burton, Kenneth (CA)
88	407	Howe, Gene (NC)
89	406	Parmeter, John (NM)
89	406	Cairo, Mary Ann (NY)
91	405	Fegarido, Carol (TN)
92	404	Maulding, Sylvia (OR)
92	404	Rayer, Stefan (FL)
94	403	Fox, Robert (MA)
94	403	Henderson, John (TN)
94	403	Cairo, Warren (NY)
97	402	Duxbury-Fox, Dana (MA)
97	402	Vannoy, Donald (KS)
99	400	Stevenson, Mark (AZ)

ANNUAL - CANADA

1	324	McDonald, Joan (AB)
2	320	Campbell, Drew (NY)
3	292	Cowan, Larry (BC)
4	289	Parsons, Robert (MB)
5	288	Vooyo, John (BC)
6	286	Grieff, Gordon (MB)

ANNUAL - LOWER 48

1	610	Korducki, Mark (WI)
2	585	Hollinga, Ken (VA)
3	569	Overton, Michael D. (IA)
4	566	Seegert, Greg (IL)
5	538	Fredricks, Gary (WA)
6	532	Wade, M. K. Edge (MO)

7	522	Calhoon, Kevin (TN)
8	517	Tessen, Daryl (WI)
9	503	Pierce, Barrett (TX)
10	500	Laframboise, Bill (WA)
10	500	Gambill, Mary "Louise" (TX)
10	500	Gambill, Charles "Red" (TX)
13	493	Stensaas, Sparky (MN)
13	493	Bathke, Joyce (MO)
15	488	Percival, Brandon (CO)
16	485	Coffey, K. Sheridan (TX)
17	482	Laframboise, Nancy (WA)
18	480	Hodne, Garrett (TX)
19	478	Thurston, David (FL)
19	478	McGregor, Ian (WA)
21	477	Sosensky, Steve (CA)
22	473	Gardner, Paul (OH)
22	473	Lukens, Karl (NJ)
24	471	Pratt, Frederick (VT)
25	470	Gross, Steven (TX)
25	470	Bumgardner, Michael (CA)
27	468	Filemyr, Albert (PA)
28	462	Bowen, Michael (MD)
29	461	Odgers, John (TX)
30	457	Modesitt, Larry (CO)
31	455	Bowen, Joy (MD)
32	452	Felker, Linda (MN)
33	448	Koonce, Alexander "Sandy" (CA)
34	447	Wittman, William (NM)
35	445	Kersting, Cecil (LA)
36	443	Norton, Richard (CA)
37	440	Nelson, David W. (CA)
38	436	Clark, Roger (FL)
38	436	Detwiler, Henry (AZ)
40	435	Lyon, Charles (LA)
41	430	Moore, Jim (CA)
42	429	Hagen, Arden (WA)
43	426	Slattery, Ed (MA)
43	426	Rapoza, Brian (FL)
45	425	Madsen, Michael (IL)
46	421	Matthiessen, Matthew (CA)
46	421	Sidler, M. Christine (RI)
48	420	Weigant, Leo (MD)
49	412	Komar, Nicholas (CO)
50	410	Allaire, Kenneth (NY)
51	409	Hagen, Sherry (WA)
51	409	Land, Frederick (TX)
53	408	Leahy, Tim (WI)
53	408	Teague, Glenn (WA)
53	408	Simon, Vicki (TX)
53	408	Simon, Joel (TX)
57	407	Carlson, W. Bradley (NY)
58	406	Cairo, Mary Ann (NY)
59	405	Fegarido, Carol (TN)
59	405	Rycenga, Jennifer (CA)
59	405	Rosso, Paul (CA)
62	404	Maulding, Sylvia (OR)
62	404	Rayer, Stefan (FL)
64	403	Fox, Robert (MA)

64 403 Henderson, John (TN)
64 403 Cairo, Warren (NY)
67 402 Duxbury-Fox, Dana (MA)
67 402 Vannoy, Donald (KS)
69 401 Weber, Magill (WI)
69 401 Leip, WD (MO)
71 400 Leip, Vera (MO)
71 400 Stevenson, Mark (AZ)

ANNUAL - UNITED STATES

1 586 Fegarido, Carol (TN)
2 585 Hollinga, Ken (VA)
3 569 Overton, Michael D. (IA)
4 557 Wade, M. K. Edge (MO)
5 543 Fredricks, Gary (WA)
6 528 Modesitt, Larry (CO)
7 527 Bathke, Joyce (MO)
8 522 Calhoon, Kevin (TN)
9 513 Stensaas, Sparky (MN)
9 513 McGregor, Ian (WA)
11 508 Bumgardner, Michael (CA)
12 503 Pierce, Barrett (TX)
13 500 Laframboise, Bill (WA)
13 500 Gambill, Mary "Louise" (TX)
13 500 Gambill, Charles "Red" (TX)
16 495 Felker, Linda (MN)
17 488 Percival, Brandon (CO)
18 485 Coffey, K. Sheridan (TX)
19 482 Laframboise, Nancy (WA)
20 481 Lehman, Jay G. (OH)
21 480 Hodne, Garrett (TX)
22 478 Thurston, David (FL)
23 473 Gardner, Paul (OH)
23 473 White, Stuart (VA)
23 473 Lukens, Karl (NJ)
26 472 Filemyr, Albert (PA)
27 470 Gross, Steven (TX)
28 463 Rycenga, Jennifer (CA)
29 462 Bowen, Michael (MD)
30 461 Odgers, John (TX)
31 455 Bowen, Joy (MD)
32 452 Weber, Magill (WI)
33 448 Koonce, Alexander "Sandy" (CA)
34 445 Kersting, Cecil (LA)
35 440 Nelson, David W. (CA)
36 436 Clark, Roger (FL)
36 436 Detwiler, Henry (AZ)
38 435 Lyon, Charles (LA)
39 430 Moore, Jim (CA)
39 430 Komar, Nicholas (CO)
41 429 Hagen, Arden (WA)
42 426 Levy, Sue (TX)
42 426 Rapoza, Brian (FL)
44 421 Matthiessen, Matthew (CA)
45 420 Weigant, Leo (MD)
46 410 Allaire, Kenneth (NY)
47 409 Hagen, Sherry (WA)
47 409 Land, Frederick (TX)
49 408 Leahy, Tim (WI)
49 408 Teague, Glenn (WA)
49 408 Simon, Vicki (TX)
49 408 Simon, Joel (TX)
53 407 Carlson, W. Bradley (NY)
54 406 Cairo, Mary Ann (NY)
55 404 Maulding, Sylvia (OR)
55 404 Rayer, Stefan (FL)
57 403 Fox, Robert (MA)
57 403 Henderson, John (TN)
57 403 Cairo, Warren (NY)
60 402 Duxbury-Fox, Dana (MA)
60 402 Vannoy, Donald (KS)
62 401 Leip, WD (MO)
63 400 Leip, Vera (MO)
63 400 Stevenson, Mark (AZ)

ANNUAL - MEXICO

1 563 Taylor, Rick (AZ)

2 503 Irvin, Richard (ID)
3 474 Dexter, Coen (CO)
3 474 San Miguel, Mike (CA)
5 472 Wright, Brenda (CO)
6 390 Overton, Michael D. (IA)

ANNUAL - CENTRAL AMERICA

1 620 Easley, Kevin (FL)
2 614 Campos-Ramirez, Rafael (Costa Rica)
3 542 Easley, Steven (ND)
4 431 Barden, Olivier (QC)

ANNUAL - WESTERN PALEARCTIC

1 482 Dufourny, Hugues (Belgium)
2 367 Sibley, Jean-Philippe (France)
3 323 Lister, Steve M. (UK)
4 297 Olioso, Georges (France)

ANNUAL - ASIA

1 662 Master, Bernard (OH)

ANNUAL - WORLD

1 6391 Nagstaff, John (UK)
2 2180 Fisher, David (UK)
3 1957 Jornvall, Hans (Sweden)
4 1906 Ashby, Vaughan (UK)
5 1762 Easley, Kevin (FL)
6 1737 Doughty, Chris (Australia)
7 1729 Master, Bernard (OH)
8 1728 Haldeman, Mike (PA)
9 1682 Easley, Steven (ND)
10 1675 Toochnin, Michael (BC)
11 1627 Narins, David (FL)
12 1601 Myers, Dollyann (TN)
13 1597 Hoff, Ron (TN)
14 1573 Taylor, Rick (AZ)
15 1451 Irvin, Richard (ID)
16 1412 Campos-Ramirez, Rafael (Costa Rica)
17 1285 Thompson, Joe (CA)
18 1284 Fox, Robert (MA)
19 1282 Kaestner, Peter (Brazil)
20 1255 Duxbury-Fox, Dana (MA)
21 1244 Carr, Steve (UT)

ANNUAL - NORTH AMERICA

1 733 Taylor, Rick (AZ)
2 727 Campos-Ramirez, Rafael (Costa Rica)
3 682 Allaire, Kenneth (NY)
4 681 Overton, Michael D. (IA)
5 662 Haldeman, Mike (PA)

ANNUAL - SOUTH AMERICA

1 1161 Kaestner, Peter (Brazil)
2 875 Master, Bernard (OH)
3 871 Campos-Ramirez, Rafael (Costa Rica)
4 720 Fisher, David (UK)
5 671 Haldeman, Mike (PA)
6 643 Phippen, Jeffrey (NC)

ANNUAL - AFRICA

1 893 Rostron, Philip (TX)
2 865 Schollaert, Valery (Belgium)
3 840 Fisher, David (UK)
4 665 Easley, Steven (ND)
5 622 Easley, Kevin (FL)
6 574 Tarachow, Michael (TX)
7 570 Dostale, Merce (TX)
8 543 Carr, Steve (UT)

ANNUAL - AUSTRALASIA

1 562 Fisher, David (UK)
2 533 Doughty, Chris (Australia)
3 502 Toochnin, Michael (BC)
4 463 Haldeman, Mike (PA)
5 444 Meyer, Joyce (WA)
6 358 Hewitt, Mary (NM)

ANNUAL - EURASIA

1 662 Master, Bernard (OH)

ANNUAL - ATLANTIC OCEAN

1 204 Dobson, Andrew (Bermuda)
2 60 Olioso, Georges (France)
3 51 Lister, Steve M. (UK)
4 50 Hall, Megan C. (UK)

ANNUAL - PACIFIC OCEAN

1 155 Toochnin, Michael (BC)
2 135 Irvin, Richard (ID)

ANNUAL - INDIAN OCEAN

1 213 Hewitt, Mary (NM)
2 185 Manly, Curtis (AB)
2 185 Manly, Michelle (AB)
4 178 Thayer, Peter (FL)
5 150 Menart, Tony (FL)

ANNUAL - SOUTH POLAR

1 32 Force, Michael (BC)

ANNUAL - ALABAMA

1 265 Reid, Jr., Robert R. (AL)
2 264 Gardella, Larry (AL)
3 236 Reid, Elberta G. (AL)

ANNUAL - ALASKA

1 207 Porter, David (AK)
2 193 Cabe, Patricia (CA)

ANNUAL - ARIZONA

1 368 Stevenson, Mark (AZ)
2 349 Palmer, Richard (AZ)
3 342 Pollock, Molly (AZ)
4 326 Ambrose, Robert (AZ)
5 314 Touret, Diane (AZ)
6 292 Flower, Richard (AZ)
7 285 Videle, Jimmy (AZ)
8 258 Freeman, Reid (AZ)
9 251 Porter, David (AK)
10 250 Duerksen, Russell (AZ)
11 244 Guest, Michael (AZ)
12 238 Nicely, Polly (IN)
13 228 Fegarido, Carol (TN)
14 226 Kopitzke, Jim (AZ)
15 221 Bowen, Michael (MD)
16 220 Bowen, Joy (MD)
17 219 Sosensky, Steve (CA)
18 216 Komar, Nicholas (CO)
19 215 Hatcher, Elizabeth (AZ)
20 212 Davis, Martha (IN)
21 211 Pierce, Barrett (TX)

ANNUAL - ARKANSAS

1 276 Nichols, Kenny (AR)
1 276 Nichols, Ladonna (AR)
3 245 Anderson, Leif (AR)

ANNUAL - CALIFORNIA

1 428 Sosensky, Steve (CA)
2 409 Koonce, Alexander "Sandy" (CA)
3 408 Norton, Richard (CA)
4 378 Pandolfino, Ed (CA)
5 359 Pereksta, David (CA)
6 358 Greaves, Edward (CA)
7 341 Burton, Kenneth (CA)
8 337 Brandt, Jean (CA)
9 333 Carlson, Roy (CA)
10 321 Rogers, Michael M. (CA)
11 310 Richmond, Jean (CA)
12 309 Cabe, Dick (CA)
12 309 Reber, Barbara (CA)
14 306 Barr, James (CA)

15 305 Chandik, Ted (CA)
 16 302 Matthiessen, Matthew (CA)
 17 299 Hemink, Lynn (CA)
 18 297 Haveman, Merry (CA)
 19 292 Rycenga, Jennifer (CA)
 20 290 Pierce, Barrett (TX)
 21 286 Guse, Kevin (CA)
 22 285 Chaniot, George (CA)
 23 284 Bumgardner, Michael (CA)
 24 278 Moore, Jim (CA)
 25 273 Rosso, Paul (CA)
 26 271 Cyger, Ron (CA)
 27 264 Wienholt, Michael (CA)
 27 264 Langhoff, Dan (CA)
 29 263 Nelson, David W. (CA)
 30 254 Hartman, Toni (MD)
 31 251 Groce, Betty (CA)
 32 250 Hartman, Bob (MD)

ANNUAL - COLORADO

1 346 Percival, Brandon (CO)
 2 327 Siebert, Randy (CO)
 3 318 Komar, Nicholas (CO)
 4 292 Beatty, James (CO)
 5 285 Faulkner, Doug (CO)
 6 276 McConnell, Thomas C. (CO)
 7 271 Ackley, Mymm (CO)
 8 267 Sanders, Ira (CO)
 9 263 Edwards, Lisa (CO)
 10 258 Lawrence, Charles (CO)
 11 252 Finch, Warren (CO)
 12 247 Brown, Robert (CO)
 13 245 Spencer, Robert A. (CO)
 14 222 Modesitt, Larry (CO)
 15 203 Brown, Lea Ann (CO)

ANNUAL - CONNECTICUT

1 221 Dewire, Robert (CT)
 2 212 Reneson, Edward (CT)
 3 177 Hamilton, Nita (CT)

ANNUAL - DELAWARE

1 304 Rohrbacher, Frank (DE)
 2 198 Filemyr, Albert (PA)

ANNUAL - DISTRICT OF COLUMBIA

1 202 Pisano, Paul (VA)
 2 180 Hubbell, John (MD)
 3 141 Dart, Shannon (VA)
 4 139 Bowen, Michael (MD)

ANNUAL - FLORIDA

1 339 Bankert, Andy (FL)
 2 312 Williams, Jean (FL)
 3 300 Hintermister, John (FL)
 4 290 Freedman, Nancy (FL)
 5 287 McGrath, Vincent (FL)
 6 286 Goodwin, David (FL)
 7 282 Clark, Roger (FL)
 8 279 Rapoza, Brian (FL)
 9 253 Ahern, Brian (FL)
 10 248 Sigsbee, James (FL)
 10 248 Freeland, David (FL)
 12 237 Fellers, Paul (FL)
 13 219 Chalfant, Donald (MI)
 14 217 McCool, Sean (FL)
 15 216 Putman, Robert (FL)
 16 204 Bathke, Joyce (MO)
 17 202 Rogers, Tommie (MO)

ANNUAL - GEORGIA

1 294 Sewell, Jeff (GA)
 2 285 Lotz, Bill (GA)
 3 271 Freeman, Mark (GA)
 4 253 Keferl, Eugene (GA)
 4 253 Lambert, Carol (GA)

6 235 Hanna, Jr., James (GA)
 7 205 Jacobson, Daniel (TN)
 8 179 Henderson, John (TN)

ANNUAL - IDAHO

1 251 Trost, Charles (ID)
 2 238 Faike, David (ID)
 3 235 Faike, Elise (ID)
 4 234 Rowland, R. L. "MSGT" (ID)
 5 222 Irvin, Richard (ID)
 6 189 Carter, Kris (ID)

ANNUAL - ILLINOIS

1 301 McMullen, Keith A. (IL)
 2 284 Madsen, Michael (IL)
 3 270 Sanders, Jeffrey (IL)
 4 269 Williamson, Geoffrey A. (IL)
 5 268 McKee, Cynthia (IL)
 6 265 McKee, John (IL)
 7 252 Alberico, Cindy (IL)
 8 250 Sundberg, Jeff (IL)
 9 243 Lill, Joe (IL)
 10 241 Williamson, Christine (IL)
 11 228 Geiser, Urs (IL)
 12 222 Daniels, David (IN)
 13 207 Palmer, Richard (AZ)

ANNUAL - INDIANA

1 277 Cassady, John (IN)
 2 269 Hopkins, Edward (IN)
 3 251 Barriger, Lou Anne (IN)
 4 234 Mills, Charles (IN)
 5 226 Powers, Edwin (IN)
 6 194 Rang, Rodger (IN)
 7 188 Powers, Cynthia (IN)
 8 186 Christian, Joshua (IN)
 9 170 Daniels, David (IN)
 9 170 Parker, Larry (IN)
 11 166 Davis, Martha (IN)

ANNUAL - IOWA

1 294 Armstrong, Eugene (IA)
 1 294 Armstrong, Eloise (IA)
 3 275 Overton, Michael D. (IA)
 4 273 Proescholdt, Mark (IA)
 5 248 Allen, Pamela (IA)
 5 248 Allen, Reid (IA)
 7 220 Proescholdt, Beth (IA)

ANNUAL - KANSAS

1 344 Rader, Mike (KS)
 2 315 Pittman, Galen (KS)
 3 310 Janzen, Pete (KS)
 4 301 Groeneweg, Kevin (KS)
 5 285 Gearheart, Matthew (KS)
 6 267 Land, Mark E. (KS)
 7 257 Vannoy, Donald (KS)
 8 245 Otte, Charles (KS)
 9 226 Otte, Jaye (KS)
 10 189 Leonatti, Jean (MO)

ANNUAL - KENTUCKY

1 245 Yandell, Ben (KY)

ANNUAL - LOUISIANA

1 185 Kersting, Cecil (LA)

ANNUAL - MAINE

1 220 Paul, Jr., Frank (ME)
 2 180 Suchecki, Julie (ME)

ANNUAL - MARYLAND

1 268 Churchill, John (MD)
 2 254 Weigant, Leo (MD)
 3 252 Hubbell, John (MD)
 4 244 Balestri, Marcia (MD)

5 229 Saunders, Norman (MD)
 6 216 Saunders, Frances (MD)
 7 206 Watson-Whitmyre, Marcia (DE)
 8 190 Bowen, Michael (MD)
 9 176 McCollough, Carol (MD)
 10 174 Nistico, Paul (MD)

ANNUAL - MASSACHUSETTS

1 304 Spalding, Oakes (MA)
 2 240 Richards, Allan (MA)
 3 236 Mirick, Stephen (NH)
 4 204 Fox, Robert (MA)
 5 203 Duxbury-Fox, Dana (MA)

ANNUAL - MICHIGAN

1 297 Wells, LaRue (MI)
 2 283 Smith, Edwin (MI)
 3 264 Granlund, Jim (MI)
 4 258 Chartier, Allen (MI)
 5 257 Brigham, Rick (MI)
 6 252 Chalfant, Donald (MI)
 7 243 Sefton, Mike (MI)
 8 242 Graf, Leonard (MI)
 9 237 Epstein, Robert (MI)
 10 231 Shaum, Scott (MI)
 11 230 McDaniel, John (MI)
 12 222 Petrucha, Michael (MI)
 13 220 Olesen, Janice (MI)
 14 219 Ziarno, Gerald (MI)
 15 205 Bowman, Bruce (MI)

ANNUAL - MINNESOTA

1 309 Stephenson, Jeff (MN)
 2 301 Martin, Dennis (MN)
 3 298 Martin, Barbara (MN)
 4 202 Auer, Tom (MI)

ANNUAL - MISSISSIPPI

1 285 Dinsmore, Stephen J. (MS)
 2 248 Schiefer, Terence (MS)
 3 244 Knight, Gene (MS)
 4 240 Knight, Shannon (MS)
 5 231 Schiefer, Marion (MS)

ANNUAL - MISSOURI

1 303 Uffman, Joshua (MO)
 2 301 Eades, Joe (MO)
 3 263 Willis, Doug (MO)
 4 259 Hazelwood, Susan (MO)
 5 257 Leonatti, Jean (MO)
 6 255 Lueders, Pat (MO)
 7 254 Bathke, Joyce (MO)
 8 253 Wade, M. K. Edge (MO)
 9 252 Kondrashov, Peter (MO)
 10 249 Mayo, Kristi (MO)
 11 248 Anderson, Kathleen (MO)
 12 245 Rogers, Tommie (MO)
 13 243 Dilks, Stephen (MO)
 14 230 Gearheart, Matthew (KS)
 15 197 Land, Mark E. (KS)

ANNUAL - MONTANA

1 273 Rost, Bob (MT)
 2 248 Casey, Daniel (MT)
 3 241 Putnam, Caleb (MI)
 4 211 Lefor, Jack (ND)

ANNUAL - NEBRASKA

1 271 Dinsmore, Stephen J. (MS)
 2 263 Brogie, Mark A. (NE)

ANNUAL - NEVADA

1 325 Walters, Jack (NV)
 2 288 Scyphers, Greg (NV)
 3 193 Ward, Ken (VT)

ANNUAL - NEW HAMPSHIRE

1	280	Harvey, Michael (NH)
2	263	Griffith, Ben (NH)
3	262	Mirick, Stephen (NH)
4	232	Frechette, Richard (NH)
5	219	Woodward, Robert (NH)
6	195	Resch, Michael (MA)
7	194	Delorey, Alan (NH)
8	191	Donsker, David (NH)
9	187	Delorey, Barbara (NH)
10	163	Cargill, Dwight (VT)
11	162	Duxbury-Fox, Dana (MA)
12	158	Fox, Robert (MA)

ANNUAL - NEW JERSEY

1	319	Lukens, Karl (NJ)
2	316	Malmid, Stuart (NJ)
3	308	Herder, James (NJ)
4	301	Lukens, Judy (NJ)
5	265	Ryan, Richard (NJ)
6	248	Fanning, Rob (NJ)
7	239	Baytas, Ahmet (NJ)
8	229	Machover, Robert (NJ)
9	214	Filemyr, Albert (PA)
10	213	Freeland, David (FL)
11	193	Cairo, Mary Ann (NY)
12	192	Cairo, Warren (NY)

ANNUAL - NEW MEXICO

1	401	Wittman, William (NM)
2	387	Oldenettel, Jerry (NM)
3	376	West, William (NM)
4	375	Parmeter, John (NM)
5	315	Brozek, Celestyn (NM)
6	286	Scott, Marcy (NM)
7	284	Zabriskie, James (NM)
8	269	Malone, Larry (NM)
9	239	Ristow, Mary (NM)
10	234	Percival, Brandon (CO)

ANNUAL - NEW YORK

1	296	Klauber, David (NY)
2	257	Chapin, Gary (NY)
3	233	Allaire, Kenneth (NY)
4	216	Broderick, William D. (NY)

ANNUAL - NORTH CAROLINA

1	307	Davis, Ricky (NC)
2	281	Pippen, Jeffrey (NC)
3	272	Boyd, Richard C. (NC)
3	272	Boyd, Susan A. (NC)
5	263	Shultz, Steve (NC)
6	257	Carlson, W. Bradley (NY)
7	242	Gibeau, Stewart (NC)
8	233	Howe, Gene (NC)
9	229	Gamache, Alan (NC)
10	199	Harris, Stephen (NC)
11	187	Thomas, Erik (NC)
12	182	Overton, Michael D. (IA)

ANNUAL - NORTH DAKOTA

1	281	Martin, Ron (ND)
2	277	Ellingson, Corey (ND)
3	268	Lefor, Jack (ND)
4	220	Rierner, Dean (ND)
5	203	Norheim, Connie (ND)

ANNUAL - OHIO

1	285	Sanders, Dan (OH)
2	261	Gardner, Paul (OH)
3	260	Lehman, Jay G. (OH)
3	260	Miller, Greg (OH)
5	256	Horn, David (OH)
6	250	Sparks, Robert (OH)
7	240	Bartlett, H. Thomas (OH)
8	235	Sarno, Winnie M. (OH)

9	214	Meyst, Lois B. (OH)
9	214	Meyst, Peter M. (OH)
11	207	Caldwell, Craig (OH)
12	165	Gambill, Mary "Louise" (TX)
12	165	Gambill, Charles "Red" (TX)

ANNUAL - OKLAHOMA

1	301	McMahon, Jeri (OK)
2	268	Sterling, John (OK)
3	261	Kamp, Martha B. (OK)

ANNUAL - OREGON

1	326	Pettey, Diane (OR)
2	322	Maulding, Sylvia (OR)
3	309	Stites, Bob (OR)
4	295	Herlyn, Hendrik (OR)
5	293	Shelmerdine, Tim (OR)
6	261	Nikas, Mark (OR)
6	261	Robb, Roger (OR)
8	232	Fox, Robert (MA)
9	226	Duxbury-Fox, Dana (MA)
10	201	Butts, Judy (OR)

ANNUAL - PENNSYLVANIA

1	231	McWilliams, Gerald (PA)
2	219	Wlasniewski, Matt (PA)
3	184	Conant, Skip (PA)
3	184	Drozdowski, Theodore (PA)
5	181	Guarente, Al (PA)
6	179	DeReamus, Dave (PA)
7	177	Chaffin, David (TN)

ANNUAL - RHODE ISLAND

1	284	St. Jean, Janice (RI)
2	279	Finizia, Daniel (RI)
2	279	Talbot, Susan (RI)
4	264	Pedro, Carlos (RI)
5	254	Magill, John (RI)
6	225	Larsen, Reynold (RI)
7	210	Sidler, M. Christine (RI)
8	191	Dewire, Robert (CT)
9	177	Kersting, Cecil (LA)

ANNUAL - SOUTH CAROLINA

1	325	Dias, Nathan (SC)
2	278	Lilly, Ritch (SC)
3	266	Forsythe, Dennis M. (SC)
4	264	Hocevar, Charles (SC)
5	234	Peachey, Jack (SC)
6	209	Gentile, Chris (SC)
7	201	Richard, Carroll (SC)
8	195	Ceselski, Andrea (SC)
9	186	Lotz, Bill (GA)

ANNUAL - SOUTH DAKOTA

1	280	Palmer, Jeffrey S. (SD)
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ANNUAL - TENNESSEE

1	286	Wilson, Jeff (TN)
2	262	Todd, Michael (TN)
3	252	Calhoon, Kevin (TN)
4	238	Newsome, Judy (TN)
5	235	Jacobson, Daniel (TN)
6	230	Henderson, John (TN)
7	228	Casteel, Phillip (TN)
8	221	Greene, Mark (TN)
9	218	Witt, Terry (TN)
10	208	Fekel, Francis (TN)
11	203	Clendenen, Steve (TN)
11	203	Clendenen, Gail W. (TN)
13	176	Fegarido, Carol (TN)
14	169	Chaffin, David (TN)

ANNUAL - TEXAS

1	505	Carpenter, Eric (TX)
2	467	Overton, Michael D. (IA)

3	434	Kittleman, Jane B. (TX)
4	422	Gambill, Mary "Louise" (TX)
4	422	Gambill, Charles "Red" (TX)
6	416	Coffey, K. Sheridan (TX)
7	408	Land, Frederick (TX)
8	403	Gross, Steven (TX)
9	400	Odgers, John (TX)
10	370	Simon, Joel (TX)
11	369	Simon, Vicki (TX)
12	365	Bruce, Lucienne (TX)
13	363	Hodne, Garrett (TX)
14	353	Levy, Sue (TX)
15	352	Cooney, Nick (TX)
16	349	Miller, Greg (OH)
17	346	Pierce, Barrett (TX)
18	340	Frank, Tony (TX)
19	322	Engleman, Dodge (TX)
20	316	Leahy, Tim (WI)
21	315	Sims, Richard (TX)
22	311	Gardner, Paul (OH)
23	310	Howell, Charles (TX)
23	310	Howell, Patricia (TX)
25	306	Engleman, Lorna (TX)
26	300	Bumgardner, Frank D. (TX)
27	298	Cox, Joe (TX)
28	282	Hobbs, Brian (ON)
29	277	Tarachow, Michael (TX)
29	277	Metzler, Robert (TX)
31	275	Dostale, Merce (TX)
32	271	Bumgardner, Jeanette J. (TX)
33	267	Hayes, Michael (TX)
33	267	Smith, David (TX)
35	266	Meyer, Wayne (TX)
36	264	Clarke, James A. (TX)
37	263	Wade, M. K. Edge (MO)
38	262	Vannoy, Donald (KS)
39	257	Easley, Charles (TX)

ANNUAL - UTAH

1	310	Fronce, Pomeria (UT)
2	304	Thygerson, Alton (UT)
2	304	Van Moorhem, Julie (UT)
4	300	Barlow, Glenn B. (UT)
5	296	Beyer, Kathy (UT)
5	296	Beyer, Joel (UT)

ANNUAL - VERMONT

1	213	Cargill, Dwight (VT)
2	210	Ward, Ken (VT)

ANNUAL - VIRGINIA

1	297	Iwanik, Mike (VA)
2	272	Copeland, Ben M. (VA)
3	269	Copeland, Mary (VA)
4	256	Kitchens, Valerie (VA)
5	249	Clark, David (VA)
6	233	Weinberger, Gerry (VA)
7	229	White, K. Clark (VA)
8	219	Dart, Shannon (VA)
9	203	Rieger, Rich (VA)

ANNUAL - WASHINGTON

1	319	Fredricks, Gary (WA)
2	309	Gerdts, George (WA)
3	303	Laframboise, Bill (WA)
4	294	Knittle, Ken (WA)
5	292	Laframboise, Nancy (WA)
6	275	LaBar, Bruce (WA)
7	259	Woodley, Robert (WA)
8	255	Cady, Wilson (WA)
9	248	Meyer, Joyce (WA)

ANNUAL - WEST VIRGINIA

1	249	Argabrite, Wendell (WV)
2	235	Orsie, Matthew (WV)
3	182	Lilly, Ritch (SC)

ANNUAL - WISCONSIN

- 1 318 Tessen, Daryl (WI)
- 2 292 Smith, Karen (WI)
- 3 291 Smith, Jerry (WI)
- 4 275 Peterson, Jesse (WI)
- 5 **273 Bontly, Marilyn (WI)**
- 6 252 Belter, Dan (WI)
- 7 **218 Weber, Magill (WI)**
- 8 216 Brasser, Margaret (WI)
- 9 215 Brasser, David (WI)

ANNUAL - WYOMING

- 1 **261 Michelson, Christian (WY)**
- 2 **248 Lawrence, James (WY)**
- 3 **247 Lawrence, Gloria (WY)**
- 4 **193 Faulkner, Doug (CO)**
- 5 **173 Lefor, Jack (ND)**

ANNUAL - ALBERTA

- 1 **278 McDonald, Joan (AB)**
- 2 250 Fishkin, Alan (AB)

- 3 **218 Manly, Curtis (AB)**
- 3 **218 Manly, Michelle (AB)**

ANNUAL - BRITISH COLUMBIA

- 1 286 Toochn, Michael (BC)
- 2 277 Foxall, Roger (BC)
- 3 267 Gates, Bryan R. (BC)
- 4 259 MacKenzie, Jo Ann (BC)
- 5 255 MacKenzie, Hue (BC)
- 6 245 Vooyo, John (BC)
- 7 210 Cowan, Larry (BC)

ANNUAL - MANITOBA

- 1 289 Parsons, Robert (MB)
- 2 250 Grief, Gordon (MB)
- 3 237 Hartman, Toni (MD)
- 3 237 Hartman, Bob (MD)
- 5 226 Grief, Paula (MB)
- 6 **220 Pepper, Todd (ON)**
- 7 **216 Barriger, Lou Anne (IN)**
- 8 181 Grief, Susan (MB)

ANNUAL - ONTARIO

- 1 283 Currie, Hugh (ON)
- 2 256 Korol, Burke (ON)
- 3 254 Bain, Margaret (ON)
- 4 **237 Campbell, Drew (NY)**
- 5 **221 Pepper, Todd (ON)**
- 6 **210 Woodrow, Mr. Terrie (ON)**
- 7 **205 Jerome, Florence (ON)**
- 8 **200 Broderick, William D. (NY)**

ANNUAL - PRINCE EDWARD ISLAND

- 1 **210 Seeler, David (PE)**
- 2 190 Marcum, Eric (PE)

ANNUAL - QUEBEC

- 1 **277 Barden, Olivier (QC)**
- 2 **212 Poisson, Guy (QC)**

ANNUAL - YUKON TERRITORY

- 1 119 Tull, Eric (AB)