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CALAMOS CONVERTIBLE & HIGH INCOME FUND
Form N-CSRS
June 30, 2005

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES

INVESTMENT COMPANY ACT FILE NUMBER: 811-21319

EXACT NAME OF REGISTRANT AS SPECIFIED IN CHARTER: Calamos Convertible and
High Income Fund

ADDRESS OF PRINCIPAL EXECUTIVE OFFICES: 1111 East Warrenville Road, Naperville,
Illinois 60563

NAME AND ADDRESS OF AGENT FOR SERVICE: James S. Hamman, Jr., Secretary,
Calamos Advisors, LLC
1111 East Warrenville Road
Naperville, Illinois
60563-1493

REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE: (630) 245-7200

DATE OF FISCAL YEAR END: October 31, 2005

DATE OF REPORTING PERIOD: November 1, 2004 through April 30, 2005

ITEM 1. REPORTS TO SHAREHOLDERS

[PHOTO OMITTED]

CALAMOS (R) CONVERTIBLE AND HIGH INCOME FUND

SEMIANNUAL REPORT APRIL 30, 2005

[LOGO] (R)
CALAMOS INVESTMENTS (R)

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President's Letter

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Dear Shareholder,

This semi-annual report covers the period of November 1, 2004, to April 30, 2005, a period where the convertible market declined and high-yield markets were generally flat. Although the CALAMOS CONVERTIBLE AND HIGH INCOME FUND (NYSE: CHY) dropped slightly in price during the period, it produced a steady, significant monthly dividend for shareholders, and continues to trade at a premium to its underlying portfolio's NAV (net asset value). As a refresher to some of our shareholders, a closed-end fund is traded on an exchange, where buyers and sellers determine the price of the fund. The fund thus may trade at a premium (higher than NAV) or at a discount (lower than NAV).

Designed to provide total return through a combination of capital appreciation and current income, the Fund makes use of convertible and high-yield securities in a flexible, opportunistic manner to achieve this goal. It is important to note that while convertible and high-yield bonds provide income to the portfolio, they also provide the opportunity for capital appreciation, as they are more equity sensitive than traditional fixed income bonds. By dynamically combining these securities, we aim for long term total return, combining significant current income with equity market participation.

For the semi-annual period, questions over the strength of the economy dampened high yield bonds, while convertibles dropped due to declines in the volatility of equities and excessive selling by hedge funds. We think the market was driven by short-term concerns during this semi-annual period, while our portfolios remained positioned to take advantage of longer-term trends. We viewed the convertible market as substantially undervalued in the first portion of 2005, and invested in additional opportunities which we believe offered potentially significant upside yet met our investment team's risk-management criteria.

A recent development worth noting is the Board of Trustees' ratification of a level-rate distribution policy for the Fund, announced in June of 2005. We recognize how important stability of income can be, particularly to closed-end fund investors, and sought to formalize the Fund's aim to providing such stability. At a monthly rate of \$0.1219 per share, the Fund's distribution represents an annualized rate 9.75% based on the Fund's

CALAMOS CONVERTIBLE AND HIGH INCOME FUND

The views expressed in this report reflect those of Calamos Advisors LLC through June 20, 2005. The manager's views are subject to change at any time based on market and other conditions. This report is submitted for general information for the shareholders of the fund.

Convertible and High Income Fund
President's Letter SEMIANNUAL REPORT 1

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President's Letter

initial offering price of \$15.00, and equates to \$1.46 per share on an annual basis. We believe that the adoption of a level rate distribution policy has the potential to serve the long-term interests of you as a CHY shareholder, as consistent, dependable distributions can be an important component of your total return goals. If any distribution exceeds the Fund's net investment company taxable income, the excess generally will be a tax-free return of capital.

Together, the Fund's portfolio management team's risk-managed approach, communications efforts, and dividend policy are all designed to enhance the value of your investment. We believe that the Fund's flexible mandate and its focus on long-term total return provides the potential to create long term wealth for shareholders, while our risk management and dividend commitment provide downside protection and current, dependable income. As a portfolio manager--and shareholder--I remain committed to striving to help you meet your long-term investment goals. Thank you for your confidence in CALAMOS INVESTMENTS and CHY.

Sincerely,

/s/ John P. Calamos

JOHN P. CALAMOS, SR.
Chairman, Chief Executive Officer and Co-Chief Investment Officer

Convertible and High Income Fund
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Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
CORPORATE BONDS (103.7%)		
	CONSUMER DISCRETIONARY (21.8%)	
\$ 2,552,000	Accuride Corp.* 8.500%, 02/01/15	\$ 2,411,640
2,784,000	Asbury Automotive Group, Inc.^ 9.000%, 06/15/12	2,756,160
9,280,000	Beazer Homes USA, Inc. 8.375%, 04/15/12	9,883,200
4,640,000	Broder Bros. Co.^ 11.250%, 10/15/10	4,964,800
2,320,000	CBD Media, LLC 8.625%, 06/01/11	2,314,200
4,640,000	DEX Media, Inc.^ 8.000%, 11/15/13	4,802,400
12,167,000 GBP	EMI Group, PLC 9.750%, 05/20/08	25,170,188
7,331,000	General Motors Corp.^ 8.250%, 07/15/23	5,620,282
742,000	7.125%, 07/15/13	589,955
	Goodyear Tire & Rubber Company^	
6,496,000	7.857%, 08/15/11	5,878,880
4,640,000	7.000%, 03/15/28	3,862,800

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8,631,000	Hasbro, Inc. 6.600%, 07/15/28	9,101,053
5,846,000	Houghton Mifflin Company^ 9.875%, 02/01/13	5,933,690
3,712,000	IMAX Corp.^ 9.625%, 12/01/10	3,944,000
3,712,000	Inn of the Mountain Gods^ 12.000%, 11/15/10	4,370,880
4,640,000	Interpublic Group of Companies, Inc. 7.250%, 08/15/11	4,836,527
2,784,000	Intrawest Corp. 7.500%, 10/15/13	2,784,000
1,856,000	J.C. Penney Company, Inc. 9.000%, 08/01/12^	2,134,400
1,392,000	7.650%, 08/15/16	1,513,800
2,784,000	Jarden Corp. 9.750%, 05/01/12	2,978,880
4,594,000	Kellwood Company 7.625%, 10/15/17	4,900,213
3,480,000	La Quinta, Corp.^ 8.875%, 03/15/11	3,762,750
3,248,000	Landry's Restaurants, Inc.*^ 7.500%, 12/15/14	3,036,880
2,784,000	Mandalay Resort Group^ 7.625%, 07/15/13	2,888,400
10,977,000	Oxford Industries, Inc. 8.875%, 06/01/11	11,416,080
928,000	Pinnacle Entertainment, Inc.^ 8.250%, 03/15/12	914,080
7,424,000	Rent-A-Center, Inc. 7.500%, 05/01/10	7,386,880
4,176,000 CAD	Rogers Wireless, Inc. 7.625%, 12/15/11	3,410,029

PRINCIPAL
AMOUNT

VALUE

\$ 3,480,000 CAD	Rogers Cable, Inc. 7.250%, 12/15/11	\$ 2,793,293
11,043,000	Royal Caribbean Cruises, Ltd.^ 7.500%, 10/15/27	11,595,150
4,640,000	Russell Corp.^ 9.250%, 05/01/10	4,837,200
8,816,000	Spanish Broadcasting Systems, Inc. 9.625%, 11/01/09	9,245,780
7,981,000	Vail Resorts, Inc. 6.750%, 02/15/14	7,901,190
6,496,000	Warnaco Group, Inc.^ 8.875%, 06/15/13	7,048,160
1,856,000 GBP	Warner Music Group 8.125%, 04/15/14	3,699,052
1,856,000	7.375%, 04/15/14	1,865,280
6,032,000	WCI Communities, Inc. 7.875%, 10/01/13	6,032,000
2,784,000	6.625%, 03/15/15*	2,547,360
		----- 201,131,512 -----
	CONSUMER STAPLES (8.7%)	
1,856,000	Central Garden & Pet Company^ 9.125%, 02/01/13	2,004,480
5,104,000	Chattem, Inc.^	

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	7.000%, 03/01/14	5,180,560
4,176,000	Chiquita Brands International, Inc.	
	7.500%, 11/01/14	3,841,920
5,248,000	Del Monte Foods Company	
	8.625%, 12/15/12	5,641,600
5,568,000	DIMON, Inc.	
	7.750%, 06/01/13	6,305,760
	Dole Food Company, Inc.	
4,494,000	8.875%, 03/15/11	4,786,110
4,139,000	8.625%, 05/01/09	4,376,992
2,096,000	Gold Kist, Inc.	
	10.250%, 03/15/14	2,378,960
12,528,000	Jean Coutu Group, Inc.^	
	8.500%, 08/01/14	11,870,280
3,712,000	Pinnacle Foods Holding^	
	8.250%, 12/01/13	3,099,520
5,939,000	Playtex Products, Inc.	
	8.000%, 03/01/11	6,369,578
	Rayovac Corp.	
10,208,000	8.500%, 10/01/13	10,539,760
2,784,000	7.375%, 02/01/15*^	2,714,400
5,104,000	Revlon Consumer Products Corp.*^	
	9.500%, 04/01/11	4,938,120
1,856,000	Smithfield Foods, Inc.	
	7.750%, 05/15/13	1,995,200
1,856,000	Standard Commercial Corp.	
	8.000%, 04/15/12	2,136,720
1,950,000	WH Intermediate Holdings, Ltd.	
	9.500%, 04/01/11	2,086,500

		80,266,460

Convertible and High Income Fund
Schedule of Investments SEMIANNUAL REPORT 3

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
	ENERGY (10.5%)	
\$ 3,712,000	Chesapeake Energy Corp.	\$ 3,712,000
1,856,000	6.875%, 01/15/16^	1,962,720
4,640,000	7.750%, 01/15/15	
	Forest Oil Corp.	
	8.000%, 12/15/11	5,057,600
10,115,000	General Maritime Corp.	
	10.000%, 03/15/13	11,050,638
	Giant Industries, Inc.	
5,568,000	8.000%, 05/15/14^	5,623,680
1,987,000	11.000%, 05/15/12	2,275,115
10,533,000	Houston Exploration Company^	
	7.000%, 06/15/13	10,638,330
4,269,000	KCS Energy, Inc.	

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2,538,000	7.125%, 04/01/12 Lone Star Technologies, Inc.	4,247,655
	9.000%, 06/01/11 Overseas Shipholding Group, Inc.	2,677,590
2,784,000	7.500%, 02/15/24	2,686,560
937,000	8.750%, 12/01/13	1,040,070
4,292,000	Paramount Resources Ltd. 8.500%, 01/31/13	4,184,700
	Petroleo Brasileiro, SA^	
6,960,000	8.375%, 12/10/18	7,142,700
4,640,000	9.125%, 07/02/13	5,104,000
18,096,000	Premcor Refining Group, Inc.^ 7.500%, 06/15/15	19,543,680
928,000	Stone Energy Corp. 6.750%, 12/15/14	886,240
2,784,000	Swift Energy Company 7.625%, 07/15/11	2,839,680
6,032,000	Whiting Petroleum Corp. 7.250%, 05/01/12	6,032,000

		96,704,958

	FINANCIALS (4.1%)	
4,454,000	Fairfax Financial Holdings, Ltd.^ 7.750%, 04/26/12	4,136,652
	Host Marriott Corp.^	
10,208,000	7.125%, 11/01/13	10,386,640
1,949,000	9.250%, 10/01/07	2,095,175
11,136,000	Leucadia National Corp. 7.000%, 08/15/13	11,191,680
	Senior Housing Properties Trust	
4,965,000	7.875%, 04/15/15	5,225,663
4,640,000	8.625%, 01/15/12	5,057,600

		38,093,410

	HEALTH CARE (8.8%)	
9,289,000	Alpharma, Inc.* 8.625%, 05/01/11	9,056,775
15,103,000	Ameripath, Inc.^ 10.500%, 04/01/13	15,178,515
12,064,000	Ardent Health Services, Inc. 10.000%, 08/15/13	14,671,030
PRINCIPAL AMOUNT		VALUE

\$ 13,549,000	Bausch & Lomb, Inc. 7.125%, 08/01/28	\$ 13,955,470
2,784,000	Beverly Enterprises, Inc. 7.875%, 06/15/14	3,062,400
2,633,000	Psychiatric Solutions, Inc. 10.625%, 06/15/13	2,922,630
6,032,000	Quintiles Transnational Corp. 10.000%, 10/01/13	6,544,720
9,373,000	Tenet Healthcare Corp.*^ 9.250%, 02/01/15	9,419,865
6,496,000	Vanguard Health Systems, Inc. 9.000%, 10/01/14	6,804,560

		81,615,965

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	INDUSTRIALS (17.3%)	
5,568,000	American Airlines, Inc. 7.250%, 02/05/09	5,289,600
2,320,000	Armor Holdings, Inc.^ 8.250%, 08/15/13	2,470,800
974,000 EUR	Aspropulsion Capital BV* 9.625%, 10/01/13	1,422,600
	BE Aerospace, Inc. 8.875%, 05/01/11	2,818,800
2,784,000		
1,856,000	8.500%, 10/01/10	2,004,480
2,784,000	Casella Waste Systems, Inc. 9.750%, 02/01/13	3,055,440
15,776,000	CNH Global, NV* 9.250%, 08/01/11	16,170,400
15,312,000	Esterline Technologies Corp. 7.750%, 06/15/13	16,077,600
2,315,000	Gardner Denver, Inc.* 8.000%, 05/01/13	2,326,575
1,392,000	GATX Corp. 8.875%, 06/01/09	1,585,283
3,684,000	General Cable Corp. 9.500%, 11/15/10	3,923,460
6,032,000	Hutchison Whampoa, Ltd.*^ 6.250%, 01/24/14	6,378,725
7,888,000	Jacuzzi Brands, Inc. 9.625%, 07/01/10	8,479,600
	JLG Industries, Inc. 8.250%, 05/01/08	7,335,120
7,053,000		
3,248,000	8.375%, 06/15/12^	3,394,160
7,006,000	Laidlaw Global Securities, Inc. 10.750%, 06/15/11	8,021,870
	Legrand Holding, SA 8.500%, 02/15/25^	8,908,800
7,424,000		
928,000 EUR	11.000%, 02/15/13	1,440,501
4,033,000	Manitowoc Company, Inc. 10.500%, 08/01/12	4,506,878
12,064,000	Mobile Mini, Inc. 9.500%, 07/01/13	13,270,400
4,640,000	Monitronics International, Inc. 11.750%, 09/01/10	4,976,400

Convertible and High Income Fund
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See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
\$ 2,227,000	Orbital Sciences Corp. 9.000%, 07/15/11	\$ 2,427,430
	Sequa Corp. 8.875%, 04/01/08	6,723,360
6,496,000		
1,856,000	9.000%, 08/01/09	1,967,360
	Terex Corp.	

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6,496,000	9.250%, 07/15/11	7,080,640
5,684,000	7.375%, 01/15/14^	5,740,840
12,992,000	United Rentals, Inc.^	
	7.000%, 02/15/14	11,757,760

		159,554,882

	INFORMATION TECHNOLOGY (8.0%)	
6,032,000	Advanced Micro Devices, Inc.	
	7.750%, 11/01/12	5,685,160
2,543,000	Arrow Electronics, Inc.	
	6.875%, 06/01/18	2,703,298
3,712,000	Celestica, Inc.^	
	7.875%, 07/01/11	3,712,000
1,856,000	Flextronics International, Ltd.	
	6.500%, 05/15/13	1,781,760
4,640,000	Freescale Semiconductor, Inc.	
	7.125%, 07/15/14	4,848,800
	Iron Mountain, Inc.	
3,712,000 GBP	7.250%, 04/15/14*	6,477,765
1,856,000	6.625%, 01/01/16^	1,661,120
4,779,000	Lucent Technologies, Inc.	
	6.500%, 01/15/28	4,026,308
6,728,000	Motorola, Inc.^	
	7.500%, 05/15/25	7,882,881
4,640,000	Sanmina-Sci Corp.	
	10.375%, 01/15/10	5,104,000
3,712,000	Stratus Technologies, Inc.^	
	10.375%, 12/01/08	3,637,760
6,496,000	Telcordia Technologies*	
	10.000%, 03/15/13	6,301,120
19,024,000	Xerox Corp.	
	7.625%, 06/15/13	20,403,240

		74,225,212

	MATERIALS (18.7%)	
2,970,000	Aleris International, Inc.	
	10.375%, 10/15/10	3,244,725
2,651,000	9.000%, 11/15/14*	2,717,275
8,352,000	Arch Western Finance, LLC^	
	6.750%, 07/01/13	8,414,640
4,640,000	Ball Corp.	
	6.875%, 12/15/12	4,790,800
5,568,000	Bowater, Inc.^	
	6.500%, 06/15/13	5,080,800
8,352,000	Buckeye Technologies, Inc.	
	8.500%, 10/01/13	8,727,840
17,651,000	Equistar Chemicals, LP	
	10.625%, 05/01/11	19,769,120
PRINCIPAL		
AMOUNT		VALUE

\$ 11,925,000	Freeport-McMoRan Copper & Gold, Inc.^	
	10.125%, 02/01/10	\$ 13,117,500
13,920,000	Georgia-Pacific Corp.^	
	8.000%, 01/15/14	14,964,000
2,300,000	Graham Packaging Holdings Company*^	
	9.875%, 10/15/14	2,208,000
5,568,000	IPSCO, Inc.	
	8.750%, 06/01/13	6,208,320

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2,784,000	Massey Energy Company 6.950%, 03/01/07	2,846,640
8,352,000	Neenah Paper, Inc.*^ 7.375%, 11/15/14	7,976,160
4,872,000	Novelis, Inc.*^ 7.250%, 02/15/15	4,738,020
12,064,000	Polyone Corp.^ 10.625%, 05/15/10	13,360,880
7,795,000	Pope & Talbot, Inc. 8.375%, 06/01/13	8,145,775
4,640,000	Sealed Air Corp.* 6.875%, 07/15/33	5,157,699
6,200,000	Steel Dynamics, Inc. 9.500%, 03/15/09^	6,665,000
1,856,000	Stone Container Corp. 8.375%, 07/01/12	1,842,080
21,669,000	Texas Industries, Inc. 10.250%, 06/15/11	24,431,797
4,501,000	Union Carbide Corp. 7.875%, 04/01/23^	4,936,616
3,016,000	7.500%, 06/01/25	3,236,482
		----- 172,580,169 -----
	TELECOMMUNICATION SERVICES (1.5%)	
5,568,000	AT&T Corp. 9.750%, 11/15/31	6,960,000
6,496,000	Nextel Communications, Inc. 7.375%, 08/01/15	6,950,720
		----- 13,910,720 -----
	UTILITIES (4.3%)	
6,447,000	AES Corp. 8.500%, 11/01/07	6,527,587
4,640,000	Centerpoint Energy, Inc.^ 6.850%, 06/01/15	5,165,693
5,568,000	Edison International 9.875%, 04/15/11^	6,319,680
3,712,000	10.000%, 08/15/08	4,073,920
4,640,000	Public Service Enterprise Group, Inc.^ 8.625%, 02/15/08	4,895,200
11,693,000	Teco Energy, Inc.^ 7.500%, 06/15/10	12,540,743
		----- 39,522,823 -----
	TOTAL CORPORATE BONDS (Cost \$925,143,610)	957,606,111 =====

Convertible and High Income Fund
Schedule of Investments SEMIANNUAL REPORT 5

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

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PRINCIPAL AMOUNT		VALUE

CONVERTIBLE BONDS (2.4%)		
	CONSUMER DISCRETIONARY (1.0%)	
\$ 9,000,000	Walt Disney Company^ 2.125%, 04/15/23	\$ 9,495,000

	INDUSTRIALS (1.0%)	
5,500,000	GATX Corp. 7.500%, 02/01/07	6,386,875
2,160,000	Quanta Services Inc. 4.500%, 10/01/23	2,165,400
550,000	Titan International, Inc. 5.250%, 07/26/09	671,000

		9,223,275

	TELECOMMUNICATION SERVICES (0.4%)	
4,142,000	Liberty Media Corp. (Sprint PCS Group) 3.750%, 02/15/30^	2,454,135
1,974,000	4.000%, 11/15/29	1,297,905

		3,752,040

	TOTAL CONVERTIBLE BONDS (Cost \$22,695,989)	22,470,315
		=====
SYNTHETIC CONVERTIBLE SECURITIES (9.5%)		
CORPORATE BONDS (8.1%)		
	CONSUMER DISCRETIONARY (1.7%)	
198,000	Accuride Corp.* 8.500%, 02/01/15	187,110
216,000	Asbury Automotive Group, Inc.^ 9.000%, 06/15/12	213,840
720,000	Beazer Homes USA, Inc. 8.375%, 04/15/12	766,800
360,000	Broder Bros. Co.^ 11.250%, 10/15/10	385,200
180,000	CBD Media, LLC 8.625%, 06/01/11	179,550
360,000	DEX Media, Inc.^ 8.000%, 11/15/13	372,600
944,000 GBP	EMI Group, PLC 9.750%, 05/20/08	1,952,877
569,000	General Motors Corp.^ 8.250%, 07/15/23	436,222
58,000	7.125%, 07/15/13	46,115
	Goodyear Tire & Rubber Company^	
504,000	7.857%, 08/15/11	456,120
360,000	7.000%, 03/15/28	299,700
669,000	Hasbro, Inc. 6.600%, 07/15/28	705,434
454,000	Houghton Mifflin Company^ 9.875%, 02/01/13	460,810
288,000	IMAX Corp.^ 9.625%, 12/01/10	306,000
288,000	Inn of the Mountain Gods^ 12.000%, 11/15/10	339,120
360,000	Interpublic Group of Companies, Inc. 7.250%, 08/15/11	375,248

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PRINCIPAL AMOUNT		VALUE
\$ 216,000	Intrawest Corp. 7.500%, 10/15/13	\$ 216,000
144,000	J.C. Penney Company, Inc. 9.000%, 08/01/12^	165,600
108,000	7.650%, 08/15/16	117,450
216,000	Jarden Corp. 9.750%, 05/01/12	231,120
356,000	Kellwood Company 7.625%, 10/15/17	379,729
270,000	La Quinta, Corp.^ 8.875%, 03/15/11	291,938
252,000	Landry's Restaurants, Inc.*^ 7.500%, 12/15/14	235,620
216,000	Mandalay Resort Group^ 7.625%, 07/15/13	224,100
851,000	Oxford Industries, Inc. 8.875%, 06/01/11	885,040
72,000	Pinnacle Entertainment, Inc.^ 8.250%, 03/15/12	70,920
576,000	Rent-A-Center, Inc. 7.500%, 05/01/10	573,120
324,000 CAD	Rogers Wireless, Inc. 7.625%, 12/15/11	264,571
270,000 CAD	Rogers Cable, Inc. 7.250%, 12/15/11	216,721
857,000	Royal Caribbean Cruises, Ltd.^ 7.500%, 10/15/27	899,850
360,000	Russell Corp.^ 9.250%, 05/01/10	375,300
684,000	Spanish Broadcasting Systems, Inc. 9.625%, 11/01/09	717,345
619,000	Vail Resorts, Inc. 6.750%, 02/15/14	612,810
504,000	Warnaco Group, Inc.^ 8.875%, 06/15/13	546,840
144,000 GBP	Warner Music Group 8.125%, 04/15/14	286,995
144,000	7.375%, 04/15/14	144,720
468,000	WCI Communities, Inc. 7.875%, 10/01/13	468,000
216,000	6.625%, 03/15/15*	197,640
		----- 15,604,175 -----
	CONSUMER STAPLES (0.7%)	
144,000	Central Garden & Pet Company^ 9.125%, 02/01/13	155,520
396,000	Chattem, Inc.^ 7.000%, 03/01/14	401,940
324,000	Chiquita Brands International, Inc. 7.500%, 11/01/14	298,080
407,000	Del Monte Foods Company 8.625%, 12/15/12	437,525
432,000	DIMON, Inc. 7.750%, 06/01/13	489,240

Convertible and High Income Fund

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6 SEMIANNUAL REPORT Schedule of Investments

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
\$ 349,000	Dole Food Company, Inc. 8.875%, 03/15/11	\$ 371,685
321,000	8.625%, 05/01/09	339,457
163,000	Gold Kist, Inc. 10.250%, 03/15/14	185,005
972,000	Jean Coutu Group, Inc.^ 8.500%, 08/01/14	920,970
288,000	Pinnacle Foods Holding^ 8.250%, 12/01/13	240,480
461,000	Playtex Products, Inc. 8.000%, 03/01/11	494,423
792,000	Rayovac Corp. 8.500%, 10/01/13	817,740
216,000	7.375%, 02/01/15*^	210,600
396,000	Revlon Consumer Products Corp.*^ 9.500%, 04/01/11	383,130
144,000	Smithfield Foods, Inc. 7.750%, 05/15/13	154,800
144,000	Standard Commercial Corp. 8.000%, 04/15/12	165,780
151,000	WH Intermediate Holdings, Ltd. 9.500%, 04/01/11	161,570
		6,227,945

	ENERGY (0.8%)	
288,000	Chesapeake Energy Corp. 6.875%, 01/15/16^	288,000
144,000	7.750%, 01/15/15	152,280
360,000	Forest Oil Corp. 8.000%, 12/15/11	392,400
785,000	General Maritime Corp. 10.000%, 03/15/13	857,613
432,000	Giant Industries, Inc. 8.000%, 05/15/14^	436,320
154,000	11.000%, 05/15/12	176,330
817,000	Houston Exploration Company^ 7.000%, 06/15/13	825,170
331,000	KCS Energy, Inc. 7.125%, 04/01/12	329,345
197,000	Lone Star Technologies, Inc. 9.000%, 06/01/11	207,835
216,000	Overseas Shipholding Group, Inc. 7.500%, 02/15/24	208,440
73,000	8.750%, 12/01/13	81,030
333,000	Paramount Resources Ltd. 8.500%, 01/31/13	324,675
540,000	Petroleo Brasileiro, SA^ 8.375%, 12/10/18	554,175

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360,000	9.125%, 07/02/13	396,000
1,404,000	Premcor Refining Group, Inc.^	
	7.500%, 06/15/15	1,516,320
72,000	Stone Energy Corp.	
	6.750%, 12/15/14	68,760
216,000	Swift Energy Company	
	7.625%, 07/15/11	220,320

PRINCIPAL
AMOUNT

VALUE

\$ 468,000	Whiting Petroleum Corp.	
	7.250%, 05/01/12	\$ 468,000
		7,503,013
	FINANCIALS (0.3%)	
346,000	Fairfax Financial Holdings, Ltd.^	
	7.750%, 04/26/12	321,347
	Host Marriott Corp.^	
792,000	7.125%, 11/01/13	805,860
151,000	9.250%, 10/01/07	162,325
864,000	Leucadia National Corp.	
	7.000%, 08/15/13	868,320
	Senior Housing Properties Trust	
385,000	7.875%, 04/15/15	405,213
360,000	8.625%, 01/15/12	392,400
		2,955,465
	HEALTH CARE (0.7%)	
721,000	Alpharma, Inc.*	
	8.625%, 05/01/11	702,975
1,172,000	Ameripath, Inc.^	
	10.500%, 04/01/13	1,177,860
936,000	Ardent Health Services, Inc.	
	10.000%, 08/15/13	1,138,270
1,051,000	Bausch & Lomb, Inc.	
	7.125%, 08/01/28	1,082,530
216,000	Beverly Enterprises, Inc.	
	7.875%, 06/15/14	237,600
204,000	Psychiatric Solutions, Inc.	
	10.625%, 06/15/13	226,440
468,000	Quintiles Transnational Corp.	
	10.000%, 10/01/13	507,780
727,000	Tenet Healthcare Corp.*^	
	9.250%, 02/01/15	730,635
504,000	Vanguard Health Systems, Inc.	
	9.000%, 10/01/14	527,940
		6,332,030
	INDUSTRIALS (1.4%)	
432,000	American Airlines, Inc.	
	7.250%, 02/05/09	410,400
180,000	Armor Holdings, Inc.^	
	8.250%, 08/15/13	191,700
76,000 EUR	Aspropulsion Capital BV*	
	9.625%, 10/01/13	111,004
	BE Aerospace, Inc.	
216,000	8.875%, 05/01/11	218,700
144,000	8.500%, 10/01/10	155,520

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216,000	Casella Waste Systems, Inc. 9.750%, 02/01/13	237,060
1,224,000	CNH Global, NV* 9.250%, 08/01/11	1,254,600
1,188,000	Esterline Technologies Corp. 7.750%, 06/15/13	1,247,400
180,000	Gardner Denver, Inc.* 8.000%, 05/01/13	180,900

Convertible and High Income Fund
Schedule of Investments SEMIANNUAL REPORT 7

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
\$ 108,000	GATX Corp. 8.875%, 06/01/09	\$ 122,996
286,000	General Cable Corp. 9.500%, 11/15/10	304,590
468,000	Hutchison Whampoa, Ltd.*^ 6.250%, 01/24/14	494,901
612,000	Jacuzzi Brands, Inc. 9.625%, 07/01/10	657,900
547,000	JLG Industries, Inc. 8.250%, 05/01/08	568,880
252,000	8.375%, 06/15/12^	263,340
544,000	Laidlaw Global Securities, Inc. 10.750%, 06/15/11	622,880
576,000	Legrand Holding, SA 8.500%, 02/15/25^	691,200
72,000 EUR	11.000%, 02/15/13	111,763
313,000	Manitowoc Company, Inc. 10.500%, 08/01/12	349,777
936,000	Mobile Mini, Inc. 9.500%, 07/01/13	1,029,600
360,000	Monitronics International, Inc. 11.750%, 09/01/10	386,100
173,000	Orbital Sciences Corp. 9.000%, 07/15/11	188,570
504,000	Sequa Corp. 8.875%, 04/01/08	521,640
144,000	9.000%, 08/01/09	152,640
504,000	Terex Corp. 9.250%, 07/15/11	549,360
441,000	7.375%, 01/15/14^	445,410
1,008,000	United Rentals, Inc.^ 7.000%, 02/15/14	912,240

		12,381,071

468,000	INFORMATION TECHNOLOGY (0.6%) Advanced Micro Devices, Inc. 7.750%, 11/01/12	441,090

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197,000	Arrow Electronics, Inc. 6.875%, 06/01/18	209,418
288,000	Celestica, Inc.^ 7.875%, 07/01/11	288,000
144,000	Flextronics International, Ltd. 6.500%, 05/15/13	138,240
360,000	Freescale Semiconductor, Inc. 7.125%, 07/15/14	376,200
288,000 GBP	Iron Mountain, Inc. 7.250%, 04/15/14*	502,585
144,000	6.625%, 01/01/16^	128,880
371,000	Lucent Technologies, Inc. 6.500%, 01/15/28	312,568
522,000	Motorola, Inc.^ 7.500%, 05/15/25	611,603
360,000	Sanmina-Sci Corp. 10.375%, 01/15/10	396,000

PRINCIPAL
AMOUNT

VALUE

\$ 288,000	Stratus Technologies, Inc.^ 10.375%, 12/01/08	\$ 282,240
504,000	Telcordia Technologies* 10.000%, 03/15/13	488,880
1,476,000	Xerox Corp. 7.625%, 06/15/13	1,583,010
		----- 5,758,714 -----
	MATERIALS (1.5%)	
230,000	Aleris International, Inc. 10.375%, 10/15/10	251,275
206,000	9.000%, 11/15/14*	211,150
648,000	Arch Western Finance, LLC^ 6.750%, 07/01/13	652,860
360,000	Ball Corp. 6.875%, 12/15/12	371,700
432,000	Bowater, Inc.^ 6.500%, 06/15/13	394,200
648,000	Buckeye Technologies, Inc. 8.500%, 10/01/13	677,160
1,369,000	Equistar Chemicals, LP 10.625%, 05/01/11	1,533,280
925,000	Freeport-McMoRan Copper & Gold, Inc.^ 10.125%, 02/01/10	1,017,500
1,080,000	Georgia-Pacific Corp.^ 8.000%, 01/15/14	1,161,000
178,000	Graham Packaging Holdings Company*^ 9.875%, 10/15/14	170,880
432,000	IPSCO, Inc. 8.750%, 06/01/13	481,680
216,000	Massey Energy Company 6.950%, 03/01/07	220,860
648,000	Neenah Paper, Inc.*^ 7.375%, 11/15/14	618,840
378,000	Novelis, Inc.*^ 7.250%, 02/15/15	367,605
936,000	Polyone Corp.^ 10.625%, 05/15/10	1,036,620
605,000	Pope & Talbot, Inc. 8.375%, 06/01/13	632,225

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360,000	Sealed Air Corp.* 6.875%, 07/15/33	400,166
481,000	Steel Dynamics, Inc. 9.500%, 03/15/09^	517,075
144,000	Stone Container Corp. 8.375%, 07/01/12	142,920
1,681,000	Texas Industries, Inc. 10.250%, 06/15/11	1,895,328
349,000	Union Carbide Corp. 7.875%, 04/01/23^	382,777
234,000	7.500%, 06/01/25	251,106

		13,388,207

Convertible and High Income Fund
8 SEMIANNUAL REPORT Schedule of Investments

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
	TELECOMMUNICATION SERVICES (0.1%)	
\$ 432,000	AT&T Corp. 9.750%, 11/15/31	\$ 540,000
504,000	Nextel Communications, Inc. 7.375%, 08/01/15	539,280

		1,079,280

	UTILITIES (0.3%)	
500,000	AES Corp. 8.500%, 11/01/07	506,250
360,000	Centerpoint Energy, Inc.^ 6.850%, 06/01/15	400,787
432,000	Edison International 9.875%, 04/15/11^	490,320
288,000	10.000%, 08/15/08	316,080
360,000	Public Service Enterprise Group, Inc.^ 8.625%, 02/15/08	379,800
907,000	Teco Energy, Inc.^ 7.500%, 06/15/10	972,757

		3,065,994

	TOTAL CORPORATE BONDS	74,295,894
		=====
NUMBER OF CONTRACTS		VALUE
	OPTIONS (1.4%)	
600	CONSUMER DISCRETIONARY (0.3%) eBay, Inc.# Call, 01/20/07, Strike 42.50	204,000

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3,100	Home Depot, Inc.# Call, 01/20/07, Strike 40.00	1,023,000
2,900	YUM! Brands, Inc.# Call, 01/20/07, Strike 50.00	1,392,000
		----- 2,619,000 -----
	CONSUMER STAPLES (0.2%)	
1,600	Avon Products, Inc.# Call, 01/20/07, Strike 45.00	664,000
1,400	Constellation Brands, Inc.# Call, 01/20/07, Strike 55.00	1,148,000
2,000	Sara Lee Corp.# Call, 01/20/07, Strike 22.50	305,000
		----- 2,117,000 -----
	ENERGY (0.1%)	
1,600	Transocean, Inc.# Call, 01/20/07, Strike 55.00	1,128,000
	FINANCIALS (0.2%)	
2,500	Allstate Corp.# Call, 01/20/07, Strike 55.00	1,675,000
	HEALTH CARE (0.3%)	
1,100	UnitedHealth Group, Inc.# Call, 01/20/07, Strike 85.00	2,420,000

NUMBER OF CONTRACTS		VALUE
	-----	-----
	INFORMATION TECHNOLOGY (0.3%)	
2,000	Apple Computer, Inc.# Call, 01/20/07, Strike 37.50	\$ 1,620,000
5,100	Nokia Corp.# Call, 01/20/07, Strike 15.00	1,530,000
		----- 3,150,000 -----
	TOTAL OPTIONS	13,109,000 =====
	TOTAL SYNTHETIC CONVERTIBLE SECURITIES (Cost \$86,886,185)	87,404,894 =====
NUMBER OF SHARES		VALUE
	-----	-----
	CONVERTIBLE PREFERRED STOCKS (25.6%)	
	CONSUMER DISCRETIONARY (4.2%)	
1,005,000	Ford Motor Company Capital Trust II 6.500%	39,144,750
	CONSUMER STAPLES (2.8%)	
1,190,000	Albertson's, Inc. 7.250%	25,537,400
	ENERGY (1.4%)	
155,000	Amerada Hess Corp. 7.000%	12,606,150

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	FINANCIALS (10.1%)	
14,800,000	Assurant, Inc.*	
	7.750%	15,088,600
505,000	Chubb Corp.	
	7.000%	15,069,200
215,000	Hartford Financial Services Group, Inc.	
	7.000%	14,190,000
450,000	Lehman Brothers Holdings, Inc.	
	6.250%	11,911,500
230,000	Merrill Lynch & Company, Inc.	
	6.750%	7,947,190
570,000	National Australia Bank, Ltd.	
	7.875%	21,603,000
150,000	Washington Mutual, Inc.	
	5.375%	7,702,500

		93,511,990

	HEALTH CARE (1.4%)	
240,000	Baxter International, Inc.	
	7.000%	13,368,000

	INDUSTRIALS (0.9%)	
3,000,000 GBP	BAE Systems, PLC	
	7.750%	7,830,711

	INFORMATION TECHNOLOGY (0.4%)	
75,000	Pioneer-Standard Financial Trust	
	6.750%	3,618,750

	UTILITIES (4.4%)	
450,000	Ameren Corp.	
	9.750%	12,640,500

Convertible and High Income Fund
Schedule of Investments SEMIANNUAL REPORT 9

See accompanying Notes to Schedule of Investments.

Schedule of Investments

APRIL 30, 2005 (UNAUDITED)

NUMBER OF SHARES		VALUE
33,100	Southern Union Company	
	5.000%	\$ 1,659,965
375,000	TXU Corp.	
	8.125%	26,621,250

		40,921,715

	TOTAL CONVERTIBLE PREFERRED STOCKS	
	(Cost \$233,539,270)	236,539,466
		=====
PRINCIPAL AMOUNT		VALUE

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SHORT-TERM INVESTMENT (1.7%)		
\$ 15,116,000	Exxon Mobil Corporation	
	2.600%, 05/02/05	
	(Cost \$15,114,908)	15,114,908
		=====
NUMBER OF SHARES		VALUE
INVESTMENT OF CASH COLLATERAL FOR SECURITIES ON LOAN (23.1%)		
213,189,372	Bank of New York Institutional Cash Reserve Fund current rate 3.010%	
	(Cost \$213,189,372)	213,189,372
		=====
TOTAL INVESTMENTS (166.0%)		
(Cost \$1,496,569,334)		1,532,325,066
		=====
PAYABLE UPON RETURN OF SECURITIES ON LOAN (-23.1%)		(213,189,372)

OTHER ASSETS, LESS LIABILITIES (3.7%)		34,293,813

PREFERRED SHARES AT REDEMPTION VALUE INCLUDING DIVIDENDS PAYABLE (-46.6%)		(430,250,365)

NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS (100.0%)		\$ 923,179,142
		=====

NOTES TO SCHEDULE OF INVESTMENTS

Note: Values for securities denominated in foreign currencies are shown in U.S. dollars.

* 144A securities are those that are exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These securities are generally issued to qualified institutional buyers ("QIBs"), such as the Fund. Any resale of these securities must generally be effected through a sale that is exempt from registration (e.g. a sale to another QIB), or the security must be registered for public sale. At April 30, 2005, the market value of 144A securities that could not be exchanged to the registered form was \$118,537,200 or 12.8% of net assets applicable to common shareholders of the Fund.

^ Security, or portion of security, is on loan.

Non-Income producing security.

FOREIGN CURRENCY ABBREVIATIONS

CAD Canadian Dollar
 EUR European Monetary Unit
 GBP British Pound Sterling

FUND SECTOR ALLOCATION

[THE FOLLOWING TABLE WAS REPRESENTED AS A BAR CHART IN THE PRINTED MATERIAL.]

CONSUMER DISCRETIONARY	20.6%
INDUSTRIALS	14.5%
MATERIALS	14.3%

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FINANCIALS	10.4%
ENERGY	9.0%
CONSUMER STAPLES	8.7%
HEALTH CARE	8.0%
INFORMATION TECHNOLOGY	6.7%
UTILITIES	6.4%
TELECOMMUNICATION SERVICES	1.4%

Convertible and High Income Fund
10 SEMIANNUAL REPORT Schedule of Investments

See accompanying Notes to Schedule of Investments.

Statement of Assets and Liabilities

APRIL 30, 2005 (UNAUDITED)

ASSETS

Investments, at value* (cost \$1,496,569,334)
 Cash with custodian (interest bearing)
 Restricted cash deposited with broker (interest bearing)
 Receivable for investments sold
 Accrued interest and dividends receivables
 Unrealized appreciation on interest rate swaps
 Prepaid expenses
 Other assets

Total assets

LIABILITIES

Payable for investments purchased
 Payable to investment advisor
 Payable to financial accountant
 Payable for deferred compensation to Trustees
 Other accounts payable and accrued liabilities
 Payable upon return of securities loaned

Total liabilities

PREFERRED SHARES

\$25,000 liquidation value per share applicable to 17,200 shares, including dividends payable

NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS

COMPOSITION OF NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS

Common stock, no par value, unlimited shares authorized 61,444,211 shares issued and outstanding
 Undistributed net investment income (loss)
 Accumulated net realized gain (loss) on investments, written options, foreign currency transactions
 and interest rate swaps
 Net unrealized appreciation (depreciation) on investments, written options, foreign currency
 translations and interest rate swaps

NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS

Net asset value per common share based on 61,444,211 shares issued and outstanding

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* Includes \$207,809,277 of securities loaned.

Convertible and High Income Fund
Statement of Assets and Liabilities SEMIANNUAL REPORT 11

See accompanying Notes to Financial Statements.

Statement of Operations

SIX MONTHS ENDED APRIL 30, 2005 (UNAUDITED)

INVESTMENT INCOME

Interest
Dividends
Securities lending income

Total investment income

EXPENSES

Investment advisory fees
Financial accounting fees
Auction agent and rating agency fees
Printing and mailing fees
Accounting fees
Audit and legal fees
Custodian fees
Registration fees
Transfer agent fees
Trustees' fees
Other

Total expenses

Less expense waived

Net expenses

=====
NET INVESTMENT INCOME (LOSS)
=====

REALIZED AND UNREALIZED GAIN (LOSS) FROM INVESTMENTS, WRITTEN OPTIONS, FOREIGN CURRENCY
AND INTEREST RATE SWAPS

NET REALIZED GAIN (LOSS) FROM:

Investments
Foreign currency transactions
Interest rate swaps

CHANGE IN NET UNREALIZED APPRECIATION/DEPRECIATION ON:

Investments
Foreign currency translations
Interest rate swaps

NET REALIZED AND UNREALIZED GAIN (LOSS) FROM INVESTMENTS, WRITTEN OPTIONS, FOREIGN CURRENCY
AND INTEREST RATE SWAPS

=====
NET INCREASE (DECREASE) IN NET ASSETS RESULTING FROM OPERATIONS
=====

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DIVIDENDS TO PREFERRED SHAREHOLDERS FROM
Net investment income

NET INCREASE (DECREASE) IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS RESULTING FROM OPERATIONS
=====

Convertible and High Income Fund
12 SEMIANNUAL REPORT Statement of Operations

See accompanying Notes to Financial Statements.

Statement of Changes in Net Assets

	For the Six Months Ended April 30, 2005 (unaudited)

OPERATIONS	
Net investment income (loss)	\$ 46,720,081
Net realized gain (loss) from investments, written options, foreign currency transactions and interest rate swaps	16,370,688
Change in net unrealized appreciation/depreciation on investments, written options, foreign currency translations and interest rate swaps	(40,363,794)
Dividends to preferred shareholders from Net investment income	(5,311,835)

Net increase (decrease) in net assets applicable to common shareholders resulting from operations	17,415,140

DIVIDENDS TO COMMON SHAREHOLDERS FROM Net investment income	(44,802,115)

CAPITAL STOCK TRANSACTIONS	
Reinvestment of dividends resulting in the issuance of common stock	5,529,591
Net increase (decrease) in net assets from capital stock transactions	5,529,591

TOTAL INCREASE IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	(21,857,384)

NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	
Beginning of period	945,036,526

End of period	\$ 923,179,142
=====	
Undistributed net investment income (loss)	\$ (3,264,068)

Convertible and High Income Fund
Statement of Changes in Net Assets SEMIANNUAL REPORT 13

See accompanying Notes to Financial Statements.

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Notes to Financial Statements (unaudited)

NOTE 1 - ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

ORGANIZATION. CALAMOS CONVERTIBLE AND HIGH INCOME FUND (the "Fund") was organized as a Delaware statutory trust on March 12, 2003 and is registered under the Investment Company Act of 1940 as a diversified, closed-end management investment company. The Fund commenced operations on May 30, 2003.

The Fund's investment objective is to provide total return, through a combination of capital appreciation and current income. Under normal circumstances the Fund will invest at least 80% of its managed assets in a diversified portfolio of convertible and non-convertible income securities. "Managed Assets" means the total assets of the Fund (including any assets attributable to any leverage that may be outstanding) minus total liabilities (other than debt representing financial leverage).

PORTFOLIO VALUATION. In computing the net asset value of the Fund, portfolio securities, except exchange traded option securities, that are traded on a securities exchange in the United States are valued at the last reported sale price as of the time of valuation, or lacking any current reported sale at the time of valuation, at the mean between the most recent bid and asked quotations. Each security traded in the over-the-counter market and quoted on the NASDAQ National Market System, is valued at the Nasdaq Official Closing Price ("NOCP"), as determined by Nasdaq, or lacking an NOCP, the last current reported sale price as of the time of valuation by Nasdaq, or lacking any current reported sale on Nasdaq at the time of valuation, at the mean between the most recent bid and asked quotations. Each option security traded on a securities exchange in the United States is valued at the last current reported sale price as of the time of valuation if the last current reported sale price falls within the consolidated bid/ask quote for the option security. If the last current reported sale price as of the time of valuation does not fall within the consolidated bid/ask quote for such option security, such security is valued at the mid-point of the consolidated bid/ask quote for the option security. Each over-the-counter option that is not traded through the Options Clearing Corporation is valued by the counterparty, or if the counterparty's price is not readily available then by using the Black-Scholes method. Each other security traded over-the-counter is valued at the mean between the most recent bid and asked quotations. Short-term securities with maturities of 60 days or less are valued at amortized cost, which approximates market value.

When market quotations are not readily available or when the valuation methods mentioned above are not reflective of the fair value of the security, the security is priced at a fair value following procedures and/or guidelines approved by the Board of Trustees, which may include utilizing a systematic fair valuation model provided by an independent pricing system. The Funds may also use fair value pricing, if the value of a security it holds is, pursuant to Board of Trustees' guidelines, materially affected by events occurring before the Fund's pricing time but after the close of the primary market or exchange on which the security is traded. These procedures may utilize valuations furnished by pricing services approved by the Board of Trustees, which may be based on market transactions for comparable securities and various relationships between securities that are generally recognized by institutional traders, a computerized matrix system, or appraisals derived from information concerning the securities or similar securities received from recognized dealers in those securities. When fair value pricing is employed, the value of the portfolio security used to calculate the Fund's net asset value may differ from quoted or official closing prices.

Securities that are principally traded in a foreign market are valued at the last current sale price at the time of valuation or lacking any current or reported sale at the time of valuation, at the mean between the most recent bid

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and asked quotations as of the close of the appropriate exchange or other designated time. Trading in securities on European and Far Eastern securities exchanges and over-the-counter markets is normally completed at various times before the close of business on each day on which the New York Stock Exchange ("NYSE") is open. Trading of these securities may not take place on every NYSE business day. In addition, trading may take place in various foreign markets on Saturdays or on other days when the NYSE is not open and on which the Fund's net asset value is not calculated. As stated above, if the market prices are not readily available or are not reflective of the fair value of the security, the security will be priced at a fair value following procedures approved by the Board of Trustees. In light of the judgment involved in fair value decisions, there can be no assurance that a fair value assigned to a particular security is accurate.

Convertible and High Income Fund
14 SEMIANNUAL REPORT Notes to Financial Statements

Notes to Financial Statements (unaudited)

INVESTMENT TRANSACTIONS AND INVESTMENT INCOME. Short-term investment transactions are recorded on a trade date basis. Long-term investment transactions are recorded on a trade date plus one basis, except for fiscal quarter ends, which are recorded on trade date. Net realized gains and losses from investment transactions are reported on an identified cost basis. Interest income is recognized using the accrual method and includes accretion of original issue and market discount and amortization of premium.

Dividend income is recognized on the ex-dividend date, except that certain dividends from foreign securities are recorded as soon as the information becomes available.

FOREIGN CURRENCY TRANSLATION. Except for securities of foreign issuers valued by a pricing service, values of investments and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using a rate selected by the advisor from rates quoted by any major bank or dealer in the particular currency market, as reported by a recognized quotation dissemination service.

The Fund does not isolate that portion of the results of operations resulting from changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held. Such fluctuations are included with the net realized and unrealized gain or loss from investments.

Reported net realized foreign currency gains or losses arise from disposition of foreign currency, foreign currency gains or losses realized between the trade and settlement dates on securities transactions, and the difference between the amounts of dividends, interest and foreign withholding taxes recorded on the Fund's books on the transaction date and the U.S. dollar equivalent of the amounts actually received or paid. Net unrealized foreign exchange gains and losses arise from changes (due to the changes in the exchange rate) in the value of foreign currency and other assets and liabilities denominated in foreign currencies held at period end.

OPTION TRANSACTIONS. For hedging and investment purposes, the Fund may purchase or write (sell) put and call options. One of the risks associated with purchasing an option among others, is that the Fund pays a premium whether or not the option is exercised. Additionally, the Fund bears the risk of loss of premium and change in market value should the counterparty not perform under the contract. Put and call options purchased are accounted for in the same manner as portfolio securities. The cost of securities acquired through the exercise of

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call options is increased by premiums paid. The proceeds from securities sold through the exercise of put options are decreased by the premiums paid.

When the Fund writes an option, an amount equal to the premium received by the Fund is recorded as a liability and is subsequently adjusted to the current value of the option written. Premiums received from writing options that expire unexercised are treated by the Fund on the expiration date as realized gains from investments. The difference between the premium and the amount paid on effecting a closing purchase transaction, including brokerage commissions, is also treated as a realized gain, or, if the premium is less than the amount paid for the closing purchase transaction, as a realized loss. If a written call option is exercised, the premium is added to the proceeds from the sale of the underlying security or currency in determining whether the Fund has realized a gain or loss. If a written put option is exercised, the premium reduces the cost basis of the securities purchased by the Fund. The Fund as writer of an option bears the market risk of an unfavorable change in the price of the security underlying the written option.

USE OF ESTIMATES. The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results may differ from those estimates.

INCOME TAXES. No provision has been made for income taxes because the Fund's policy is to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders substantially all of its taxable income and gains.

Dividends and distributions paid to shareholders are recorded on the ex-dividend date. The amount of dividends and distributions from net investment income and net realized capital gains is determined in accordance with Federal income tax regulations, which may differ from U.S. generally accepted accounting principles. To the extent these "book/tax" differences are permanent in nature

Convertible and High Income Fund
Notes to Financial Statements SEMIANNUAL REPORT 15

Notes to Financial Statements (unaudited)

such amounts are reclassified within the capital accounts based on their Federal tax-basis treatment. These differences are primarily due to differing treatments for foreign currency transactions, contingent payment debt instruments and methods of amortizing and accreting on fixed income securities. Financial records are not adjusted for temporary differences.

NOTE 2 - INVESTMENT ADVISOR AND TRANSACTIONS WITH AFFILIATES OR CERTAIN OTHER PARTIES

Pursuant to an investment advisory agreement with Calamos Advisors LLC ("Calamos Advisors"), the Fund pays an annual fee, payable monthly, equal to 0.80% based on the average weekly managed assets. Calamos Advisors has contractually agreed to waive a portion of its management fee at the annual rate of 0.10% of the average weekly managed assets of the Fund for the first five full years of the Fund's operation (through May 31, 2008) and to waive a declining amount for an additional three years (0.07% of the average weekly managed assets in 2009, 0.05% in 2010, and 0.03% in 2011).

Effective November 1, 2004 Calamos Advisors receives a fee payable monthly at the annual rate of 0.0175% on the first \$1 billion of combined assets; 0.0150%

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on the next \$1 billion of combined assets; and 0.0110% on combined assets above \$2 billion for financial accounting services (for purposes of this calculation combined assets means the net assets of Calamos Investment Trust and Calamos Advisors Trust, and the managed assets of Calamos Convertible and High Income Fund, Calamos Convertible Opportunities and Income Fund and Calamos Strategic Total Return Fund). Financial accounting services include, but are not limited to, the following: managing expenses and expense payment processing; monitoring the calculation of expense accrual amounts; calculating, tracking, and reporting tax adjustments on all assets and monitoring trustee deferred compensation plan accruals and valuations. The Fund will pay its pro rata share of the financial accounting services fee payable to Calamos Advisors based on average assets of the Fund.

Certain officers and trustees of the Fund are also officers and directors of Calamos Financial Services LLC ("CFS") and Calamos Advisors. All officers and affiliated trustees serve without direct compensation from the Fund.

The Fund has adopted a deferred compensation plan (the "Plan"). Under the Plan, a trustee who is not an "interested person" of Calamos Advisors and has elected to participate in the Plan (a "participating trustee") may defer receipt of all or a portion of his compensation from the Fund. The deferred compensation payable to the participating trustee is credited to the trustee's deferral account as of the business day such compensation would have been paid to the participating trustee. The value of a participating trustee's deferred compensation account at any time is equal to what would be the value if the amounts credited to the account had instead been invested in shares of one or more of the Funds of the Trust as designated by the trustee. Thus, the value of the account increases with contributions to the account or with increases in the value of the measuring shares, and the value of the account decreases with withdrawals from the account or with declines in the value of the measuring shares. If a participating trustee retires, the trustee may elect to receive payments under the plan in a lump sum or in equal installments over a period of five years. If a participating trustee dies, any amount payable under the Plan will be paid to the trustee's beneficiaries. Deferred compensation investments of \$12,834 are included in "Other assets" on the Statement of Assets and Liabilities at April 30, 2005. The Fund's obligation to make payments under the Plan is a general obligation of the Fund and is included in "Payable for deferred compensation to Trustees" on the Statement of Assets and Liabilities at April 30, 2005.

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Notes to Financial Statements (unaudited)

NOTE 3 - INVESTMENTS

Purchases and sales of investments other than short-term obligations for the six months ended April 30, 2005 were as follows:

Purchases	\$284,444,764
Proceeds from sales	294,992,742

The following information is presented on an income tax basis as of April 30, 2005. Differences between amounts for financial statements and Federal income tax purposes are primarily due to timing differences.

The cost basis of investments for federal income tax purposes at April 30, 2005 was as follows:

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Cost basis of investments	\$ 1,500,114,737

Gross unrealized appreciation	62,640,349
Gross unrealized depreciation	(30,430,020)

Net unrealized appreciation (depreciation)	\$ 32,210,329
	=====

NOTE 4 - INCOME TAXES

Distributions during the fiscal year ended October 31, 2004 were characterized for income tax purposes as follows:

DISTRIBUTIONS PAID FROM:

Net investment income	\$ 94,560,679
Capital gains	--

As of October 31, 2004, the components of net assets on a tax basis were as follows:

Undistributed ordinary income	\$ --
Undistributed capital gains	--

Total undistributed earnings	--
Accumulated capital and other losses	(5,148,747)
Net unrealized gains/(losses)	80,625,688

Total accumulated earnings/(losses)	75,476,941
Other	(207,840)
Paid-in capital	869,767,425

	\$ 945,036,526

Convertible and High Income Fund Notes to Financial Statements SEMIANNUAL REPORT 17

Notes to Financial Statements (unaudited)

NOTE 5 - COMMON STOCK

There are unlimited common shares of beneficial interest authorized and 61,444,211 shares outstanding at April 30, 2005. Calamos Advisors LLC owned 15,751 of the outstanding shares. Transactions in common shares were as follows:

	For the Six Months Ended April 30, 2005 (unaudited)	For the Year Ended October 31, 2004
	-----	-----
Beginning shares	61,091,942	60,208
Shares sold	--	--
Shares issued through reinvestment of distributions	352,269	883
	-----	-----
Ending shares	61,444,211	61,091
	=====	=====

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NOTE 6 - FORWARD FOREIGN CURRENCY CONTRACTS

The Fund may engage in portfolio hedging with respect to changes in currency exchange rates by entering into foreign currency contracts to purchase or sell currencies. A forward foreign currency contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. Risks associated with such contracts include, among other things, movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform. The net unrealized gain, if any, represents the credit risk to the Fund on a forward foreign currency contract. The contracts are valued daily at forward exchange rates and an unrealized gain or loss is recorded. The Fund realizes a gain or loss upon settlement of the contracts. There were no open forward foreign currency contracts at April 30, 2005.

NOTE 7 - SYNTHETIC CONVERTIBLE SECURITIES

The Fund may establish a "synthetic" convertible instrument by combining separate securities that possess the economic characteristics similar to a convertible security, i.e., fixed-income securities ("fixed-income component") and the right to acquire equity securities ("convertible component"). The fixed-income component is achieved by investing in non-convertible, fixed income securities such as bonds, preferred stocks and money market instruments. The convertible component is achieved by investing in warrants or options to buy common stock at a certain exercise price, or options on a stock index. In establishing a synthetic instrument, the Fund may pool a basket of fixed-income securities and a basket of warrants or options that produce the economic characteristics similar to a convertible security. Within each basket of fixed-income securities and warrants or options, different companies may issue the fixed-income and convertible components, which may be purchased separately and at different times.

The Fund may purchase synthetic securities created by other parties, typically investment banks, including convertible structured notes. Convertible structured notes are fixed-income debentures linked to equity. Convertible structured notes have the attributes of a convertible security; however, the investment bank that issued the convertible note assumes the credit risk associated with the investment, rather than the issuer of the underlying common stock into which the note is convertible. Purchasing synthetic convertible securities may offer more flexibility than purchasing a convertible security. Different companies may issue the fixed-income and convertible components, which may be purchased separately and at different times.

Convertible and High Income Fund
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Notes to Financial Statements (unaudited)

NOTE 8 - PREFERRED SHARES

There are unlimited shares of Auction Market Preferred Shares ("Preferred Shares") authorized. The Preferred Shares have rights as determined by the Board of Trustees. The 17,200 shares of Preferred Shares outstanding consist of six series, 3,000 shares of M, 3,000 shares of TU, 3,000 shares of W, 3,000 shares of TH, 3,000 shares of F, 2,200 shares of A. The Preferred Shares have a liquidation value of \$25,000 per share plus any accumulated but unpaid dividends whether or not declared.

Dividends on the Preferred Shares are cumulative at a rate typically reset every

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seven and twenty-eight days based on the results of an auction. Dividend rates ranged from 1.65% to 3.41% for the six months ended April 30, 2005. Under the Investment Company Act of 1940, the Fund may not declare dividends or make other distributions on shares of common stock or purchase any such shares if, at the time of the declaration, distribution or purchase, asset coverage with respect to the outstanding Preferred Shares would be less than 200%.

The Preferred Shares are redeemable at the option of the Fund, in whole or in part, on any dividend payment date at \$25,000 per share plus any accumulated but unpaid dividends. The Preferred Shares are also subject to mandatory redemption at \$25,000 per share plus any accumulated but unpaid dividends, whether or not declared, if certain requirements relating to the composition of the assets and liabilities of the Fund as set forth in the Statement of Preferences are not satisfied.

The holders of Preferred Shares have voting rights equal to the holders of common stock (one vote per share) and will vote together with holders of shares of common stock as a single class except on matters affecting only the holders of Preferred Shares or the holders of common shares.

NOTE 9 - INTEREST RATE TRANSACTIONS

The Fund may enter into interest rate swap or cap transactions to attempt to protect itself from increasing dividend or interest expense on its leverage resulting from increasing short-term interest rates. A decline in interest rates may result in a decline in the value of the swap or cap, which may result in a decline in the net asset value of the Fund. In addition, if the counterparty to an interest rate swap or cap defaults, the Fund would not be able to use the anticipated receipts under the swap or cap to offset the dividend or interest payments on the Fund's leverage. At the time an interest rate swap or cap reaches its scheduled termination, there is a risk that the Fund would not be able to obtain a replacement transaction or that the terms of the replacement would not be as favorable as on the expiring transaction. In addition, if the Fund is required to terminate any swap or cap early due to the Fund failing to maintain a required 200% asset coverage of the liquidation value of the outstanding Preferred Shares or the Fund loses its credit rating on its Preferred Shares, then the Fund could be required to make a termination payment, in addition to redeeming all or some of the Preferred Shares. Details of the swap agreements outstanding as of April 30, 2005 were as follows:

COUNTERPARTY	TERMINATION DATE	NOTIONAL AMOUNT (000)	FIXED RATE (FUND PAYS)	FLOATING RATE (FUND RECEIVES)	UNREALIZED APPRECIATIO (DEPRECIATIO
-----					-----
Citibank NA	October 27, 2006	\$100,000	2.80%	1 month LIBOR	\$1,441,787
Citibank NA	October 27, 2007	\$200,000	3.27%	1 month LIBOR	3,575,189
Citibank NA	October 27, 2008	\$100,000	3.65%	1 month LIBOR	1,583,003

					\$6,599,979
					=====

Convertible and High Income Fund
Notes to Financial Statements SEMIANNUAL REPORT 19

Notes to Financial Statements (unaudited)

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NOTE 10 - SECURITIES LENDING

During the six months ended April 30, 2005, the Fund lent certain of its securities to broker-dealers and banks. Any such loan must be continuously secured by collateral in cash or cash equivalents maintained on a current basis in an amount at least equal to the market value of the securities loaned by the Fund. The Fund continues to receive the equivalent of the interest or dividends paid by the issuer on the securities loaned and also receives an additional return that may be in the form of a fixed fee or a percentage of the collateral. The Fund may pay reasonable fees to persons unaffiliated with the Fund for services in arranging these loans. The Fund has the right to call the loan and obtain the securities loaned at any time on notice of not more than five business days. The Fund does not have the right to vote the securities during the existence of the loan but could call the loan in an attempt to permit voting of the securities in certain circumstances. Upon return of the securities loaned, the cash or cash equivalent collateral will be returned to the borrower. In the event of bankruptcy or other default of the borrower, the Fund could experience both delays in liquidating the loan collateral or recovering the loaned securities and losses, including (a) possible decline in the value of the collateral or in the value of the securities loaned during the period while the Fund seeks to enforce its rights thereto, (b) possible subnormal levels of income and lack of access to income during this period, and (c) the expenses of enforcing its rights. In an effort to reduce these risks, Calamos Advisors LLC and the security lending agent will monitor the creditworthiness of the firms to which the Fund lends securities. At April 30, 2005, the Fund had securities valued at \$207,809,277 that were on loan to broker-dealers and banks and \$213,189,372 in cash or cash equivalent collateral.

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Financial Highlights

SELECTED DATA FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD WERE AS FOLLOWS:

	For the Six Months Ended April 30, (unaudited) 2005
Net asset value, beginning of period	\$ 15.47
Income from investment operations:	
Net investment income (loss)	0.77
Net realized and unrealized gain (loss) from investments, written options, foreign currency and interest rate swaps	(0.40)
Dividends to preferred shareholders from:	
Net investment income (common share equivalent basis)	(0.09)
Total from investment operations	0.28
Less dividends to common shareholders from:	

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Net investment income	(0.73)
Capital charge resulting from issuance of common and preferred shares	--
Net asset value, end of period	\$ 15.02
Market value, end of period	\$ 15.27
Total investment return based on (b):	
Net asset value	1.73%
Market value	(4.42)%
Ratios and supplemental data:	
Net assets applicable to common shareholders, end of period (000's omitted)	\$923,179
Preferred shares, at redemption value (\$25,000 per share liquidation preference) (000's omitted)	\$430,000
Ratios to average net assets applicable to common shareholders:	
Net expenses (c)	1.23%
Gross expenses prior to waiver of expenses by the advisor (c)	1.38%
Net investment income (loss) (c)	9.77%
Preferred share dividends (c)	1.11%
Net investment income (loss), net of preferred share dividends (c)	8.66%
Portfolio turnover rate	21%
Asset coverage per preferred share, at end of period (d)	\$ 78,688

* Commencement of operations.

- (a) Net of sales load of \$0.675 on initial shares issued and beginning net asset value of \$14.325.
- (b) Total investment return is calculated assuming a purchase of common stock on the opening of the first day and a sale on the closing of the last day of the period reported. Dividends and distributions are assumed, for purposes of this calculation, to be reinvested at prices obtained under the Fund's dividend reinvestment plan. Total return is not annualized for periods less than one year. Brokerage commissions are not reflected.
- (c) Annualized for periods less than one year.
- (d) Calculated by subtracting the Fund's total liabilities (not including preferred shares) from the Fund's total assets and dividing this by the number of preferred shares outstanding.

Convertible and High Income Fund
Financial Highlights SEMIANNUAL REPORT 21

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Trustees and Shareholders of CALAMOS Convertible and High Income

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Fund:

We have reviewed the accompanying statement of assets and liabilities, including the schedule of investments, of CALAMOS Convertible and High Income Fund (the "Fund") as of April 30, 2005, and the related statements of operations and changes in net assets and the financial highlights for the semi-annual period then ended. These interim financial statements and financial highlights are the responsibility of the Fund's management.

We conducted our review in accordance with standards of the Public Company Accounting Oversight Board (United States). A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the Public Company Accounting Oversight Board (United States), the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modifications that should be made to such interim financial statements and financial highlights for them to be in conformity with accounting principles generally accepted in the United States of America.

We have previously audited, in accordance with standards of the Public Company Accounting Oversight Board (United States), the statement of changes in net assets for the year ended October 31, 2004 and the financial highlights for the year ended October 31, 2004 and for the period from May 30, 2003 (commencement of operations) through October 31, 2003; and in our report dated December 21, 2004, we expressed an unqualified opinion on such statement of changes in net assets and financial highlights.

/s/ Deloitte & Touche LLP

Chicago, Illinois
June 20, 2005

Convertible and High Income Fund
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OTHER INFORMATION (UNAUDITED)

RESULTS OF SHAREHOLDER MEETING. The Annual Meeting of Shareholders of the Fund was held on April 6, 2005 where shareholders voted on the elections of trustees. With regard to the election, each trustee standing for election was elected by the shareholders as follows:

TRUSTEES	# OF COMMON AND PREFERRED SHARES	
	FOR	WITHHELD
John P. Calamos, Sr.	57,949,240	387,069
Weston W. Marsh	57,965,603	370,706
	# OF PREFERRED SHARES	
	FOR	WITHHELD
William R. Rybak	17,136	32

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The other trustees of the Fund whose terms did not expire in 2005 are Nick P. Calamos, Joe F. Hanauer, John E. Neal and Stephen B. Timbers.

Convertible and High Income Fund
Other Information SEMIANNUAL REPORT 23

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[LOGO] (R)
CALAMOS INVESTMENTS (R)

Calamos Investments | 1111 E. Warrenville Road | Naperville, IL 60563-1463 |
800.582.6959 | www.calamos.com

A description of the Calamos Proxy Voting Policies and Procedures is available free of charge upon request by calling (800) 582-6959, by visiting the Calamos website at www.calamos.com, or by writing Calamos at: Calamos Investments, Attn: Client Services, 1111 E. Warrenville Road, Naperville, IL 60563. The Fund's proxy voting record for the twelve month period ended June 30, 2004, is also available upon request by calling or writing Calamos Investments and by visiting the SEC Web site at www.sec.gov.

The Fund files a complete list of its portfolio holdings with the SEC for the first and third quarters each fiscal year on Form N-Q. The Form N-Q is available free of charge, upon request, by calling or writing Calamos Investments or by visiting the SEC website. You may also review or, for a fee, copy the forms at the SEC's Public Reference Room in Washington, D.C. (202) 942-8090.

FOR 24 HOUR SHAREHOLDER ASSISTANCE
800.432.8224

TO OBTAIN INFORMATION
800.582.6959

VISIT OUR WEB SITE
www.calamos.com

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Naperville, IL 60563-1463

FUND ACCOUNTING AGENT
State Street Bank and Trust Company
225 Franklin Street
Boston, MA 02111

CUSTODIAN AND TRANSFER AGENT
The Bank of New York
P.O. Box 11258
Church Street Station
New York, NY 10286
800.524.4458

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INDEPENDENT ACCOUNTANTS
Deloitte and Touche LLP
Chicago, IL

LEGAL COUNSEL
Bell, Boyd & Lloyd LLC
Chicago, IL

AS OF JULY 15, 2005, CALAMOS INVESTMENTS
WILL BE LOCATED AT:
2020 CALAMOS COURT
NAPERVILLE, IL 60563

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CHYSAN 1791 2005

ITEM 2. CODE OF ETHICS.

Not applicable.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Not applicable.

ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES.

Not applicable.

ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS.

Not applicable.

ITEM 6. SCHEDULE OF INVESTMENTS

Included in the Report to Shareholders in Item 1.

ITEM 7. DISCLOSURE OF PROXY VOTING POLICIES AND PROCEDURES FOR CLOSED-END
MANAGEMENT INVESTMENT COMPANIES.

Not applicable.

ITEM 8. PORTFOLIO MANAGERS OF CLOSED-END MANAGEMENT INVESTMENT COMPANIES.

Not applicable.

ITEM 9. PURCHASES OF EQUITY SECURITIES BY CLOSED-END MANAGEMENT INVESTMENT
COMPANY AND AFFILIATED PURCHASERS.

(C) TOTAL NUMBER

(D) MAXIMUM NUM

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PERIOD	(A) TOTAL NUMBER OF SHARES (OR UNITS) PURCHASED	(B) AVERAGE PRICE PAID PER SHARE (OR UNIT)	OF SHARES (OR UNITS) PURCHASED AS PART OF PUBLICLY ANNOUNCED PLANS OR PROGRAMS	(OR APPROXIMATE D VALUE) OF SHARES UNITS) THAT MAY Y PURCHASED UNDER PLANS OR PROGR
November 1 to November 30	0	0	0	0
December 1 to December 31	4,108	\$16.97	0	0
January 1 to January 31	0	0	0	0
February 1 to February 28	0	0	0	0
March 1 to March 31	0	0	0	0
April 1 to April 30	0	0	0	0
Total	0	0	0	0

ITEM 10. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

No material changes.

ITEM 11. CONTROLS AND PROCEDURES.

a) The registrant's principal executive officer and principal financial officer have evaluated the registrant's disclosure controls and procedures within 90 days of this filing and have concluded that the registrant's disclosure controls and procedures were effective, as of that date, in ensuring that information required to be disclosed by the registrant in this Form N-CSR was recorded, processed, summarized, and reported timely.

b) There were no changes in the registrant's internal controls over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) that occurred during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 12. EXHIBITS.

(a) (1) Code of Ethics -- Not applicable.

(a) (2) (i) Certification of Principal Executive Officer.

(a) (2) (ii) Certification of Principal Financial Officer.

SIGNATURES

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Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Calamos Convertible and High Income Fund

By: /s/ John P. Calamos, Sr.

Name: John P. Calamos, Sr.
Title: Principal Executive Officer
Date: June 29, 2005

By: /s/ Patrick H. Dudasik

Name: Patrick H. Dudasik
Title: Principal Financial Officer
Date: June 29, 2005

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Calamos Convertible and High Income Fund

By: /s/ John P. Calamos, Sr.

Name: John P. Calamos, Sr.
Title: Principal Executive Officer
Date: June 29, 2005

By: /s/ Patrick H. Dudasik

Name: Patrick H. Dudasik
Title: Principal Financial Officer
Date: June 29, 2005