

CALAMOS GLOBAL TOTAL RETURN FUND
Form N-CSRS
June 25, 2012

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: 811-21547

Calamos Global Total Return Fund

(EXACT NAME OF REGISTRANT AS SPECIFIED IN CHARTER)

2020 Calamos Court, Naperville,

Illinois 60563-2787

(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

John P. Calamos, Sr., President

Calamos Advisors LLC

2020 Calamos Court

Naperville, Illinois

60563-2787

(NAME AND ADDRESS OF AGENT FOR SERVICE)

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

DATE OF FISCAL YEAR END: October 31, 2012

DATE OF REPORTING PERIOD: November 1, 2011 through April 30, 2012

Item 1. Report to Shareholders

Experience and Foresight

About Calamos Investments

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For more than 30 years, we have helped investors like you manage and build wealth to meet their long-term individual objectives by working to capitalize on the opportunities of the evolving global marketplace. We launched our first open-end mutual fund in 1985 and our first closed-end fund in 2002. Today, we manage five closed-end funds, all of which pay monthly distributions and provide a consistent source of income through investments in U.S. enhanced fixed income, global enhanced fixed income, U.S. total return and, in the case of the Calamos Global Total Return Fund (CGO), global total return strategies. Please see page 5 for a more detailed overview of our closed-end offerings.

We manage the Fund with an emphasis on producing income. In order to optimize market performance, as well as to address the desire of shareholders to receive regular distributions, our closed-end funds are managed to focus on producing income as part of the overall total return strategy.

We are dedicated to helping our clients build and protect wealth. We understand when you entrust us with your assets, you also entrust us with your achievements, goals and aspirations. We believe we best honor this trust by making investment decisions guided by integrity, by discipline, and by our conscientious research.

We believe that an active, risk-conscious approach is essential for wealth creation. In the 1970s, we pioneered strategies that seek to participate in equity market upside and mitigate some of the potential risks of equity market volatility. Our investment process seeks to manage risk at multiple levels and draws upon our experience investing through multiple market cycles.

We have a global perspective. We believe that globalization offers tremendous opportunities for countries and companies all over the world. In our view, this creates significant opportunities for investors. In our U.S., global and international portfolios, we are seeking to capitalize on the potential growth of the global economy.

We believe there are opportunities in all markets. Our history traces back to the 1970s, a period of significant volatility and economic concerns. We have invested through multiple market cycles, each with its own challenges. Out of this experience comes our belief that the flipside of volatility is opportunity.

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Letter to Shareholders

JOHN P. CALAMOS, SR.

CEO and Co-CIO

Dear Fellow Shareholder:

Welcome to your semiannual report for the period ended April 30, 2012. This report includes commentary from our investment team, as well as a listing of portfolio holdings, financial statements and highlights, and detailed information about the performance and allocation of your fund. I invite you to read it carefully.

Calamos Global Total Return Fund (CGO) is an income-oriented total return fund. This means we are focused not only on delivering a competitive stream of distributions, but also on total return. The average monthly distribution rate over the life of the Fund has been 8.41%.* As an example, a \$10,000 investment at market price at the Fund's October 27, 2005 inception would be worth approximately \$16,700 as of April 30, 2012, accounting for both total return and income over that span. Since inception, the Fund has produced an annualized return of 8.23% on market price and 8.85% on NAV.

Steady and Competitive Distributions

During the semiannual period, CGO provided steady monthly distributions. We believe the Fund's annualized distribution rate, which was 8.21% on a market price basis as of April 30, 2012, was very competitive, given the low interest rates in many segments of the bond market. In our view, the Fund's distributions illustrate the benefits of a global, multi-asset class approach and flexible allocation strategy.

We understand that many closed-end fund investors seek steady, predictable distributions instead of distributions that fluctuate. Therefore, this Fund has a level rate distribution policy. As part of this policy, we aim to keep distributions consistent from month to month, and at a level that we believe can be sustained over the long term. In setting the Fund's distribution rate, the investment management team and the Fund's Board of Directors consider the interest rate, market and economic environment. We also factor in our assessment of individual securities and asset classes. (For additional information on our level rate distribution policy, please see "The Calamos Closed-End Funds: An Overview" on page 5 and "Level Rate Distribution Policy" on page 27.)

Risk/Return Optimization

We believe that managing risk is imperative in optimizing returns. As a consequence, we have focused our high yield and convertible investments on the BB-rated credit range,

* Average of the Fund's monthly distribution rates since inception (October 27, 2005). The Fund has not paid out return of capital as of April 30, 2012.

Letter to Shareholders

which represents the higher-quality end of the below investment grade space, with minimal exposure to the lower-end credits. We believe this approach has proven over time to offer an attractive risk/reward dynamic to our shareholders to help ensure steady income with a focus on capital preservation.

Market Environment

The early part of the semiannual period saw the Fund positioned in accordance with our belief that the U.S. economy was not headed for a double-dip recession, emphasizing companies with strong growth characteristics and high-quality attributes. Over recent months, improving economic data has supported our constructive view. However, even as we maintain our expectation of modest U.S. economic growth, we are prepared for ups and downs along the way. We still anticipate continued ongoing volatility in the global financial markets, as the presidential election approaches in the U.S. and debt problems in the euro zone and other developed markets persist. While the rally in the U.S. equity market in the first few months of 2012 has been a welcome development, we know from experience that volatility can work both ways, and we therefore continue to actively monitor the global economy and the companies we have chosen for the funds.

Against this backdrop, the global bond market gained for the six-month period. The BofA Merrill Lynch Global Broad Market Index returned 2.91%, while the Credit Suisse High Yield Index returned 6.77%. Many segments of the global equity market also advanced. The MSCI World Index, a measure of developed market equity performance returned 7.87%. The U.S. equity market also performed notably, with the S&P 500 Index up 12.77%, and emerging market equities made a bit of a comeback with a 4.02% gain in the MSCI Emerging Markets Index. During this period, the Calamos Global Total Return Fund produced a 3.71% total return on a market price basis and a 3.70% total return on an NAV basis.

We See Opportunity

We have identified a number of important secular themes and cyclical factors that we believe will drive global growth for years to come. The growth of a middle class in many emerging market regions is an exciting trend, and globally focused businesses are in the best position to capitalize on this increasingly prosperous new customer base. In addition, information technology firms represent an excellent opportunity to take advantage of the growing needs of both global consumers and productivity-seeking businesses around the world.

We also see a considerable cyclical opportunity coming from global reflation activities, as global stimulus efforts and increasing liquidity measures taken by the world's central banks persist. Despite some pullback in the period, we continue to hold a favorable outlook for opportunities in areas such as energy and materials based on strong global demand for resources, especially within developing economies. Accordingly, our holdings reflect our participation in these opportunities.

Letter to Shareholders

We believe that these prominent themes will provide growth opportunities for companies all throughout the world, particularly those with geographically diversified revenues, strong global brands and healthy balance sheets. We believe that global companies may be less vulnerable to economic weakness in a particular country or region, and we are favoring companies domiciled in developed countries that are capitalizing on many of the growth trends currently available in emerging markets.

In selecting investments for this Fund, we seek to balance yield and risk considerations. We therefore favor companies that we believe offer reliable debt servicing, respectable balance sheets and strong cash flows. As part of our active approach, we subject each investment to our rigorous fundamental credit research.

Our Use of Leverage

We have the flexibility to utilize leverage in this Fund. Over the long term, we believe that the judicious use of leverage provides us with opportunities to enhance total return and support the Fund's distribution rate. Leverage strategies typically entail borrowing at short-term interest rates and investing the proceeds at higher rates of return. During the reporting period, we believed the prudent use of leverage would be advantageous given the economic environment, specifically the low borrowing costs we were able to secure. Overall, our use of leverage contributed favorably to the returns of the Fund, as the performance of the Fund's holdings exceeded the costs of our borrowing activities.

Consistent with our focus on risk management, we have employed techniques to hedge against a rise in interest rates. We have used interest rate swaps to manage the borrowing costs associated with our leverage activities. Interest rate swaps allow us to lock down an interest rate we believe to be attractive. Although rates are at historically low levels across much of the fixed-income market, history has taught us that rates can rise quickly, in some cases, in a matter of months. We believe that the Fund's use of interest rate swaps is beneficial because it provides a degree of protection should a rise in rates occur.

Thinking Long-term, Thinking Globally

Experience has shown us that volatility and uncertainty have always been, and will continue to be, big factors in investing. Yet it is that same experience that has taught us that while we may not be able to control market volatility or anticipate every potential event in the global economy, we can still find investing success over the long term with a disciplined approach that fully takes into account both risks and rewards. We believe that volatility and uncertainty do not constitute an argument to stay out of the markets, but rather a reason to rely on the same comprehensive approach to investing that has served us remarkably well over the past several decades.

While we may not be able to precisely time the arrival of the next true bull market, we believe that there are compelling choices for long-term investors. Our active, team-oriented investment process continues to seek

Letter to Shareholders

out and analyze global opportunities that we believe will deliver long-term results to shareholders over full market cycles. Despite the challenges that exist, we are optimistic about the investing prospects we see in the coming months and years.

As we invest on behalf of Fund shareholders, we seek to be global in our perspective. We believe our dynamic allocation approach has been instrumental to the results we have achieved over full market cycles and will continue to be, particularly given the low rates currently available in many segments of the fixed income marketplace.

If you would like any additional information about this Fund or our other closed-end offerings, please contact your financial advisor or our client services team at 800.582.6959 (Monday through Friday from 8:00 a.m. to 6:00 p.m., Central Time). We also invite you to visit us at calamos.com. We thank you for your continued trust.

Sincerely,

John P. Calamos, Sr.

CEO and Co-CIO

Calamos Advisors LLC

This report is for informational purposes only and should not be considered investment advice.

The Calamos Closed-End Funds: An Overview

In our closed-end funds, we draw upon decades of investment experience, including a long history of opportunistically blending asset classes in an attempt to capture upside potential while managing downside risk. We launched our first closed-end fund in 2002.

Closed-end funds are long-term investments. Most focus on providing monthly distributions, but there are important differences among individual closed-end funds. Calamos closed-end funds can be grouped into multiple categories designed to produce income while offering exposure to various asset classes and sectors.

Portfolios Positioned to Pursue High Current Income from Income and Capital Gains

OBJECTIVE: U.S. ENHANCED FIXED INCOME
Calamos Convertible Opportunities and Income Fund

(Ticker: CHI)

Invests in high yield and convertible securities, primarily in U.S. markets

Portfolios Positioned to Seek Current Income, with Increased Emphasis on Capital Gains Potential

OBJECTIVE: GLOBAL TOTAL RETURN
Calamos Global Total Return Fund

(Ticker: CGO)

Invests in equities and higher yielding convertible securities and corporate bonds, in both U.S. and non-U.S. markets

Calamos Convertible and High Income Fund

(Ticker: CHY)

Invests in high yield and convertible securities, primarily in U.S. markets

OBJECTIVE: GLOBAL ENHANCED FIXED INCOME

Calamos Global Dynamic Income Fund

(Ticker: CHW)

Invests in global fixed income securities, alternative

investments and equities

Our Level Rate Distribution Policy

Closed-end fund investors often look for a steady stream of income. Recognizing this, Calamos closed-end funds have a level rate distribution policy in which we aim to keep monthly income consistent through the disbursement of net investment income, net realized short-term capital gains and, if necessary, return of capital. We set distributions at levels that we believe are sustainable for the long term. Our team is focused on delivering an attractive monthly distribution, while maintaining a long-term focus on risk management. The level of the funds' distributions can be greatly influenced by market conditions, including the interest rate environment. The funds' distributions will depend on the individual performance of positions the funds hold, our view of the benefits of retaining leverage, fund tax considerations, and maintaining regulatory requirements.

For more information about any of these funds, we encourage you to contact your financial advisor or Calamos Investments at 800.582.6959 (Monday through Friday from 8:00 a.m. to 6:00 p.m., Central Time). You can also visit us at www.calamos.com.

For more information on our level rate distribution policy, please see page 27.

Investment Team Discussion

TOTAL RETURN* AS OF 4/30/12

Common Shares Inception 10/27/05

	6	1	Since Inception**
	Months	Year	
On Market Price	3.71%	-2.43%	8.23%
On NAV	3.70%	-3.60%	8.85%

*Total return measures net investment income and net realized gain or loss from Fund investments, and change in net unrealized appreciation and depreciation, assuming reinvestment of income and net realized gains distributions.

**Annualized since inception.

SECTOR WEIGHTINGS

Information Technology	22.0%
Health Care	15.4
Consumer Staples	10.8
Materials	10.4
Energy	9.7
Consumer Discretionary	7.9
Industrials	4.8
Financials	4.1
Telecommunication Services	1.7

Sector Weightings are based on managed assets and may vary over time. Sector Weightings exclude any government/sovereign bonds or options on broad market indexes the Fund may hold.

GLOBAL TOTAL RETURN FUND

INVESTMENT TEAM DISCUSSION

The Calamos Investment Management Team discusses the Fund's strategy, performance and positioning for the six-month period ended April 30, 2012.

Q. To provide a context for its performance, please discuss the Fund's strategy and role within an asset allocation.

A. Calamos Global Total Return Fund (CGO) is an income-oriented global total return offering that seeks to provide an attractive monthly distribution. We invest in a diversified portfolio of global equities, convertible securities and high-yield securities. The allocation to each asset class is dynamic and reflects our view of the economic landscape as well as the potential of individual securities. By combining these asset classes, we believe that we are well positioned to generate capital gains as well as income. This broader range of security types also provides us with increased opportunities to manage the risk and reward characteristics of the portfolio over full market cycles.

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We invest in both U.S. and non-U.S. companies, favoring companies with geographically diversified revenue streams and global business strategies. We emphasize companies we believe offer reliable debt servicing, respectable balance sheets and sustainable prospects for growth.

Q. How did the Fund perform over the reporting period?

A. The Fund gained 3.70% on a net asset value (NAV) basis for the six-month period ended April 30, 2012. On a market price basis, the Fund returned 3.71%. The Fund's return did not perform as well as the broad global equity market, which was up 7.87% for the same period, as measured by the MSCI World Index.

During the reporting period, the Fund's market premium widened from parity to NAV to 0.90%.

Q. How do NAV and market price return differ?

A. Closed-end funds trade on exchanges, where the price of shares may be driven by factors other than the value of the underlying securities. The price of a share in the market is called market value. Market price may be influenced by factors unrelated to the performance of the fund's holdings. A fund's NAV return measures the return of the individual securities in the portfolio, less fund expenses. It also measures how a manager was able to capitalize on market opportunities. Because we believe closed-end funds are best utilized as a long-term holding within asset allocations, we believe that NAV return is the better measure of a fund's performance.

Q. Please discuss the Fund's distributions during the semiannual period.

A. We employ a level rate distribution policy within this Fund with the goal of providing shareholders with a consistent distribution stream. The Fund provided a steady distribution stream over the period, with monthly distributions of \$0.1000 per share. The Fund's annualized distribution rate was 8.21% of market price as of April 30, 2012.*

* The Fund's distribution was \$0.1000 per share in April 2012; return of capital was not estimated to be part of this distribution.

Investment Team Discussion

SINCE INCEPTION MARKET PRICE AND NAV HISTORY THROUGH 4/30/12

Performance data quoted represents past performance, which is no guarantee of future results. Current performance may be lower or higher than the performance quoted.

We believe that both the Fund's distribution rate and level remained attractive and competitive, as low interest rates limited yield opportunities in much of the marketplace. For example, as of April 30, 2012, the dividend yield of S&P 500 Index stocks averaged 2.29%. Yields also remained low within the U.S. government bond market, with 10-year U.S. Treasuries and 30-year U.S. Treasuries yielding 1.95% and 3.12%, respectively.

Q. What factors influenced performance over the reporting period?

A. An overweight and strong selection within health care contributed to relative returns during the period, as names within the pharmaceuticals industry strongly outperformed those within the index. Our focus within this sector remains on companies more insulated from the impacts of health care reform, and those that have displayed strong corporate performance, healthy cash flows and strong fundamentals.

The Fund's weak security selection and overweight position to the materials sector hampered relative performance during the six-month period. The portfolio's allocation to the gold industry in particular detracted value, as these firms incurred the rising cost of extraction during the period. We believe this sector will benefit from an increased demand for resources generated by emerging market regions, as well as global reflation efforts and accommodative global central bank policies.

Although the Fund's overweight to information technology added value over the period, security selection was not as strong as the index. Selection was weak in the computer hardware and computers & peripherals industries. We maintain conviction in this sector due to the higher cash flows, lower debt levels and cleaner balance sheets we see in many IT companies. We also expect these companies to benefit from many of the long-term secular themes we have identified, including an increased demand for connectivity, gadgets and electronics as well as productivity enhancement.

Q. How is the Fund positioned?

A. We have found securities across global asset classes that we believe support the Fund's focus on income-oriented total return. In the current environment, we have emphasized common stocks, which make up approximately 49% of total investments as of April 30, 2012. Convertible securities are also well represented, totaling about one-third of the portfolio as of the end of the reporting period. We have also found opportunities in corporate bonds and sovereign debt.

Broadly speaking, we are favoring larger global businesses with diversified revenues and strong brands, particularly companies based in the U.S. and select developed

ASSET ALLOCATION AS OF 4/30/12

Fund asset allocations are based on total investments and may vary over time.

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Investment Team Discussion

markets in Europe. We have sought holdings we believe are well positioned to capitalize on the growth trends we see around the world, including those related to emerging markets. In regard to the Fund's convertible securities and corporate bonds, we also seek out reliable debt servicing and the potential for credit upgrades. In keeping with our risk-conscious approach to income, we favored a mix of investment grade credits and credits from the higher tiers of the high yield universe (generally recognized as credits with ratings less than BBB).

We have found the most compelling sector opportunities within information technology, which was discussed above. We increased our holdings in consumer staples names and financials, although the sector still remains one of our largest underweights. We decreased our allocations to energy, materials and health care sectors.

Q. What is your outlook for the Fund?

A. We expect continued growth in the global economy as a whole, and believe that a number of themes (including increasing wealth and middle class consumption within emerging market countries) will provide growth opportunities for companies all throughout the world. Despite these trends, however, global markets overall remain a somewhat volatile and challenging investment environment.

We have positioned this Fund to emphasize companies with geographically diversified revenues, strong global brands and healthy balance sheets. We believe that multinational companies may be less vulnerable to economic weakness in a particular country or region. In particular, we are favoring companies domiciled in developed countries that are capitalizing on many of the growth trends currently available in emerging markets.

Schedule of Investments April 30, 2012 (Unaudited)

PRINCIPAL AMOUNT			VALUE
CORPORATE BONDS (15.0%)			
Consumer Discretionary (3.4%)			
1,200,000		Jaguar Land Rover, PLC*µ 7.750%, 05/15/18	\$ 1,257,000
815,000		Limited Brands, Inc. 5.625%, 02/15/22	824,169
2,000,000		Service Corp. Internationalµ 7.500%, 04/01/27	2,030,000
			4,111,169
Consumer Staples (1.7%)			
395,000		Darling International, Inc.µ 8.500%, 12/15/18	444,869
8,700,000	NOK	Nestlé Holdings, Inc.µ 3.375%, 02/08/16	1,591,887
			2,036,756
Energy (2.4%)			
6,500,000	NOK	Aker Solutions, ASAµ 9.700%, 06/26/14	1,234,655
620,000		Frontier Oil Corp. 8.500%, 09/15/16	661,850
611,000		6.875%, 11/15/18µ	641,550
383,000		Trinidad Drilling, Ltd.*µ 7.875%, 01/15/19	409,810
			2,947,865
Financials (2.1%)			
10,000,000	CNY	Caterpillar, Inc. 1.350%, 07/12/13	1,559,862
920,000		Leucadia National Corp.µ 8.125%, 09/15/15	1,029,250
			2,589,112
Health Care (0.7%)			
750,000		Grifols, SA 8.250%, 02/01/18	807,187
Industrials (2.6%)			
1,172,000		Boart Longyear Management, Pty., Ltd.*µ 7.000%, 04/01/21	1,233,530
1,800,000		H&E Equipment Services, Inc.µ 8.375%, 07/15/16	1,867,500
			3,101,030

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		Information Technology (0.7%)	
750,000		Audatex North America, Inc.*µ 6.750%, 06/15/18	789,375
		Materials (1.4%)	
1,550,000		FMG Resources*µ 8.250%, 11/01/19	1,685,625
		TOTAL CORPORATE BONDS (Cost \$17,464,533)	18,068,119
PRINCIPAL AMOUNT			VALUE
		CONVERTIBLE BONDS (31.6%)	
		Consumer Discretionary (2.1%)	
6,000,000	HKD	Hengdeli Holdings, Ltd. 2.500%, 10/20/15	\$ 786,348
915,000		Liberty Media Corp. (Viacom, CBS Corp. - Class B)µ§ 3.250%, 03/15/31	804,056
865,000		Priceline.com, Inc.* 1.000%, 03/15/18	961,231
			2,551,635
		Consumer Staples (0.6%)	
725,000		Archer-Daniels-Midland Companyµ 0.875%, 02/15/14	736,781
		Energy (5.8%)	
725,000		Chesapeake Energy Corp.µ 2.750%, 11/15/35	676,062
690,000		2.500%, 05/15/37	602,025
1,800,000		Subsea 7, SAµ 2.250%, 10/11/13	2,205,830
1,950,000	EUR	Technip, SA 0.500%, 01/01/16	2,540,044
659,100	EUR	0.250%, 01/01/17	922,617
			6,946,578
		Financials (2.8%)	
700,000		Affiliated Managers Group, Inc.µ 3.950%, 08/15/38	774,375
700,000		Leucadia National Corp. 3.750%, 04/15/14	850,500
2,000,000	SGD	Temasek Financial, Ltd. (Standard Chartered, PLC)§ 0.000%, 10/24/14	1,694,061
			3,318,936
		Health Care (7.8%)	
2,000,000		Gilead Sciences, Inc.µ 1.625%, 05/01/16	2,655,000
1,750,000		Medtronic, Inc.µ 1.625%, 04/15/13	1,769,688
2,700,000		Shire, PLC 2.750%, 05/09/14	3,188,492
1,100,000	EUR	UCB, SAµ 4.500%, 10/22/15	1,700,348
			9,313,528

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Information Technology (6.2%)		
1,175,000	Intel Corp.µ 3.250%, 08/01/39	1,649,406
715,000	Linear Technology Corp. 3.000%, 05/01/27	754,325
700,000	Microsoft Corp.*µ 0.000%, 06/15/13	766,500
780,000	Nuance Communications, Inc.*~ 2.750%, 11/01/31	877,500

See accompanying Notes to Schedule of Investments

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 9

Schedule of Investments April 30, 2012 (Unaudited)

PRINCIPAL AMOUNT			VALUE
1,950,000	SanDisk Corp.	1.500%, 08/15/17	\$ 2,030,437
1,305,000	Symantec Corp.µ	1.000%, 06/15/13	1,394,719
			7,472,887
	Materials (6.3%)		
1,300,000	AngloGold Ashanti, Ltd.	3.500%, 05/22/14	1,391,000
2,800,000	Goldcorp, Inc.µ	2.000%, 08/01/14	3,230,500
2,300,000	Newmont Mining Corp.µ	1.625%, 07/15/17	2,935,375
			7,556,875
	TOTAL CONVERTIBLE BONDS		
	(Cost \$38,295,490)		37,897,220
	U.S. GOVERNMENT AND AGENCY SECURITY (1.0%)		
1,200,000	United States Treasury Note~	0.375%, 09/30/12	1,201,360
	(Cost \$1,201,372)		
	SOVEREIGN BONDS (10.4%)		
275,000	BRL	Federative Republic of Brazil	
		10.000%, 01/01/14	1,514,963
3,880,000	CAD	Government of Canada	
		2.000%, 06/01/16	3,994,297
930,000	NZD	Government of New Zealand	
		6.000%, 04/15/15	831,185
15,850,000	NOK	Kingdom of Norway	
		4.250%, 05/19/17	3,124,496
19,200,000	SEK	Kingdom of Sweden	
		3.000%, 07/12/16	3,048,616
	TOTAL SOVEREIGN BONDS		
	(Cost \$12,006,571)		12,513,557
NUMBER OF SHARES			VALUE
	CONVERTIBLE PREFERRED STOCKS (3.1%)		
	Consumer Staples (0.6%)		
7,500	Bunge, Ltd.µ	4.875%	715,313
	Energy (2.0%)		
2,750	Chesapeake Energy Corp.*µ	5.750%	2,383,150

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		Financials (0.5%)		
9,300		MetLife, Inc.μ	5.000%	639,747
		TOTAL CONVERTIBLE PREFERRED STOCKS		
		(Cost \$5,052,445)		3,738,210
NUMBER OF SHARES				VALUE
COMMON STOCKS (66.7%)				
		Consumer Discretionary (5.0%)		
22,384	CHF	Swatch Group, AGμ		\$ 1,789,342
9,240	CHF	Swatch Group, AG		4,268,954
				6,058,296
		Consumer Staples (11.6%)		
37,000	JPY	Asahi Group Holdings, Ltd.μ		833,138
49,000		Coca-Cola Companyμ		3,739,680
46,000	EUR	Danone, SAμ		3,238,358
75,000	GBP	Diageo, PLCμ		1,891,746
15,000	EUR	Heineken, NV		821,000
55,000	CHF	Nestlé, SAμ		3,370,910
				13,894,832
		Energy (2.8%)		
490,000	HKD	CNOOC, Ltd.μ		1,035,443
32,000		Schlumberger, Ltd.μ		2,372,480
				3,407,923
		Health Care (12.3%)		
30,500		Covidien, PLCμ		1,684,515
48,500		Johnson & Johnsonμ		3,156,865
16,500		Medtronic, Inc.μ		630,300
27,000	CHF	Novartis, AGμ		1,490,839
52,600	DKK	Novo Nordisk, A/S - Class Bμ		7,754,450
				14,716,969
		Industrials (3.8%)		
80,500	CHF	ABB, Ltd.μ#		1,466,942
52,000		General Electric Companyμ		1,018,160
22,400	EUR	Siemens, AGμ		2,079,177
				4,564,279
		Information Technology (22.7%)		
48,500		Applied Materials, Inc.μ		581,515
32,200	EUR	ASML Holding, NVμ		1,638,434
37,000	JPY	Canon, Inc.μ		1,677,130
30,500		Check Point Software Technologies, Ltd.μ#		1,772,965
63,000		Cisco Systems, Inc.μ~		1,269,450
130,000		Dell, Inc.μ#		2,128,100
41,000		eBay, Inc.#		1,683,050
75,000		Microsoft Corp.μ		2,401,500
2,600	JPY	Nintendo Company, Ltd.		350,958
60,000		QUALCOMM, Inc.μ		3,830,400
95,100	EUR	SAP, AGμ		6,306,419
590,000	TWD	Taiwan Semiconductor Manufacturing Company, Ltd.		1,743,826
120,000		Yahoo!, Inc.μ#		1,864,800
				27,248,547

Schedule of Investments April 30, 2012 (Unaudited)

NUMBER OF SHARES			VALUE
Materials (6.3%)			
19,000	GBP	Anglo American, PLC	\$ 734,251
64,200		Barrick Gold Corp.μ	2,595,606
97,263	AUD	Newcrest Mining, Ltd.	2,650,424
28,200	GBP	Rio Tinto, PLCμ	1,580,745
			7,561,026
Telecommunication Services (2.2%)			
225	JPY	KDDI Corp.	1,472,916
11,500	SEK	Millicom International Cellular, SA	1,217,169
			2,690,085
TOTAL COMMON STOCKS			
(Cost \$78,372,841)			80,141,957
SHORT TERM INVESTMENT (8.0%)			
9,582,614		Fidelity Prime Money Market Fund - Institutional Class	
(Cost \$9,582,614)			9,582,614
TOTAL INVESTMENTS (135.8%)			
(Cost \$161,975,866)			163,143,037
LIABILITIES, LESS OTHER ASSETS (-35.8%)			(43,043,307)
NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS (100.0%)			\$ 120,099,730

NOTES TO SCHEDULE OF INVESTMENTS

* Securities issued and sold pursuant to a Rule 144A transaction are excepted from the registration requirement of the Securities Act of 1933, as amended. These securities may only be sold to qualified institutional buyers (QIBs), such as the fund. Any resale of these securities must generally be effected through a sale that is registered under the Act or otherwise exempted from such registration requirements. At April 30, 2012, the value of 144A securities that could not be exchanged to the registered form is \$10,363,721 or 8.6% of net assets applicable to common shareholders.

μ Security, or portion of security, is held in a segregated account as collateral for note payable aggregating a total value of \$93,931,035. \$40,924,273 of the collateral has been re-registered by the counterparty.

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Securities exchangeable or convertible into securities of one or more entities that are different than the issuer. Each entity is identified in the parenthetical.

~ Security, or portion of security, is segregated as collateral (or potential collateral for future transactions) for written options and swaps. The aggregate value of such securities is \$1,099,626.

Non-income producing security.

FOREIGN CURRENCY ABBREVIATIONS

AUD	Australian Dollar	HKD	Hong Kong Dollar
BRL	Brazilian Real	JPY	Japanese Yen
CAD	Canadian Dollar	NOK	Norwegian Krone
CHF	Swiss Franc	NZD	New Zealand Dollar
CNY	Chinese Yuan Renminbi	SEK	Swedish Krona
DKK	Danish Krone	SGD	Singapore Dollar
EUR	European Monetary Unit	TWD	New Taiwanese Dollar
GBP	British Pound Sterling		

Note: Value for securities denominated in foreign currencies is shown in U.S. dollars. The principal amount for such securities is shown in the respective foreign currency.

INTEREST RATE SWAPS

COUNTERPARTY	FIXED RATE (FUND PAYS)	FLOATING RATE (FUND RECEIVES)	TERMINATION DATE	NOTIONAL AMOUNT	UNREALIZED APPRECIATION/ (DEPRECIATION)
BNP Paribas, SA	2.5350% quarterly	3 month LIBOR	03/09/14	\$ 12,000,000	\$ (487,059)
BNP Paribas, SA	1.1400% quarterly	3 month LIBOR	03/14/17	12,000,000	(61,746)
BNP Paribas, SA	1.8525% quarterly	3 month LIBOR	09/14/12	7,000,000	(49,512)
					\$ (598,317)

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 11

Schedule of Investments April 30, 2012 (Unaudited)

CURRENCY EXPOSURE

APRIL 30, 2012

	VALUE	% OF TOTAL INVESTMENTS
US Dollar	\$ 89,187,087	54.7%
European Monetary Unit	19,246,397	11.8%
Swiss Franc	12,386,987	7.6%
Danish Krone	7,754,450	4.8%
Norwegian Krone	5,951,038	3.6%
Japanese Yen	4,334,142	2.7%
Swedish Krona	4,265,785	2.6%
British Pound Sterling	4,206,742	2.6%
Canadian Dollar	3,994,297	2.4%
Australian Dollar	2,650,424	1.6%
Hong Kong Dollar	1,821,791	1.1%
New Taiwanese Dollar	1,743,826	1.1%
Singapore Dollar	1,694,061	1.0%
Chinese Yuan Renminbi	1,559,862	1.0%
Brazilian Real	1,514,963	0.9%
New Zealand Dollar	831,185	0.5%
Total Investments	\$ 163,143,037	100.0%

Currency exposure may vary over time.

Statement of Assets and Liabilities April 30, 2012 (Unaudited)

ASSETS	
Investments in securities, at value (cost \$161,975,866)	\$ 163,143,037
Receivables:	
Accrued interest and dividends	1,098,912
Prepaid expenses	7,396
Other assets	60,208
Total assets	164,309,553
LIABILITIES	
Unrealized depreciation on interest rate swaps	598,317
Payables:	
Note payable	41,000,000
Investments purchased	2,362,803
Affiliates:	
Investment advisory fees	132,417
Deferred compensation to trustees	60,208
Financial accounting fees	1,506
Trustees fees and officer compensation	601
Other accounts payable and accrued liabilities	53,971
Total liabilities	44,209,823
NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	\$ 120,099,730
COMPOSITION OF NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	
Common stock, no par value, unlimited shares authorized 8,293,033 shares issued and outstanding	\$ 117,347,438
Undistributed net investment income (loss)	(3,353,611)
Accumulated net realized gain (loss) on investments, foreign currency transactions and interest rate swaps	5,536,720
Unrealized appreciation (depreciation) of investments, foreign currency translations and interest rate swaps	569,183
NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	\$ 120,099,730
Net asset value per common shares based upon 8,293,033 shares issued and outstanding	\$ 14.48

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 13

Statement of Operations Six Months Ended April 30, 2012 (Unaudited)

INVESTMENT INCOME	
Interest	\$ 1,497,410
Dividends	1,068,190
Securities lending income	8,391
Dividend taxes withheld	(74,465)
Total investment income	2,499,526
EXPENSES	
Investment advisory fees	796,181
Interest expense and related fees	289,984
Registration fees	28,378
Printing and mailing fees	23,542
Legal fees	16,577
Custodian fees	13,784
Transfer agent fees	13,464
Audit fees	11,152
Trustees' fees and officer compensation	9,819
Financial accounting fees	9,067
Accounting fees	8,452
Other	11,315
Total expenses	1,231,715
NET INVESTMENT INCOME (LOSS)	1,267,811
REALIZED AND UNREALIZED GAIN (LOSS)	
Net realized gain (loss) from:	
Investments	3,482,214
Foreign currency transactions	(37,224)
Interest rate swaps	(241,033)
Change in net unrealized appreciation/(depreciation) on:	
Investments	(250,266)
Foreign currency translations	(390)
Interest rate swaps	156,952
NET GAIN (LOSS)	3,110,253
NET INCREASE (DECREASE) IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS RESULTING FROM OPERATIONS	\$ 4,378,064

Statements of Changes in Net Assets

	(UNAUDITED) SIX MONTHS	
	ENDED APRIL 30,	YEAR ENDED OCTOBER 31,
	2012	2011
OPERATIONS		
Net investment income (loss)	\$ 1,267,811	\$ 2,511,957
Net realized gain (loss)	3,203,957	7,354,197
Change in unrealized appreciation/(depreciation)	(93,704)	(373,618)
Net increase (decrease) in net assets applicable to common shareholders resulting from operations	4,378,064	9,492,536
DISTRIBUTIONS TO COMMON SHAREHOLDERS FROM		
Net investment income	(4,351,405)	(8,123,892)
Net realized gains	(603,104)	(1,680,863)
Net decrease in net assets from distributions to common shareholders	(4,954,509)	(9,804,755)
CAPITAL STOCK TRANSACTIONS		
Proceeds from common shares sold	689,836	1,815,997
Offering costs on common shares	(59,166)	(115,860)
Reinvestment of distributions resulting in the issuance of common stock	441,453	485,587
Net increase (decrease) in net assets from capital stock transactions	1,072,123	2,185,724
TOTAL INCREASE (DECREASE) IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS	495,678	1,873,505
NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS		
Beginning of period	\$ 119,604,052	\$ 117,730,547
End of period	120,099,730	119,604,052
Undistributed net investment income (loss)	\$ (3,353,611)	\$ (270,017)

See accompanying Notes to Financial Statements

CALAMOS GLOBAL TOTAL RETURN FUND SEMIANNUAL REPORT 15

Statement of Cash Flows Six Months Ended April 30, 2012 (Unaudited)

CASH FLOWS FROM OPERATING ACTIVITIES:	
Net increase/(decrease) in net assets from operations	\$ 4,378,064
Adjustments to reconcile net increase/(decrease) in net assets from operations to net cash used for operating activities:	
Purchase of investment securities	(38,165,711)
Net proceeds from disposition of short term investments	(7,837,312)
Proceeds from disposition of investment securities	49,269,636
Amortization and accretion of fixed-income securities	(238,086)
Net realized gains/losses from investments	(3,482,214)
Change in unrealized appreciation or depreciation on investments	250,266
Change in unrealized appreciation or depreciation on interest rate swaps	(156,952)
Net change in assets and liabilities:	
(Increase)/decrease in assets:	
Accrued interest and dividends receivable	(140,260)
Prepaid expenses	(969)
Other assets	(3,230)
Increase/(decrease) in liabilities:	
Payables to affiliates	4,225
Other accounts payable and accrued liabilities	4,929
Net cash provided by/(used in) operating activities	\$ 3,882,386
CASH FLOWS FROM FINANCING ACTIVITIES:	
Proceeds from common shares sold	689,836
Offering costs related to common shares sold	(59,166)
Distributions to common shareholders	(4,513,056)
Net cash provided by/(used in) financing activities	\$ (3,882,386)
Cash at beginning of period	\$
Cash at end of period	\$
Supplemental disclosure	
Cash paid for interest and related fees	\$ 289,818
Non-cash financing activities not included herein consists of reinvestment of dividends and distributions of:	\$ 441,453

Notes to Financial Statements

Note 1 Organization and Significant Accounting Policies

Organization. Calamos Global Total Return (the Fund) was organized as a Delaware statutory trust on March 30, 2004 and is registered under the Investment Company Act of 1940 (the 1940 Act) as a diversified, closed-end management investment company. The Fund commenced operations on October 27, 2005. The Fund's investment objective is to provide total return through a combination of capital appreciation and current income.

Fund Valuation. The valuation of the Fund's investments is in accordance with policies and procedures adopted by and under the ultimate supervision of the board of trustees.

Fund securities that are traded on U.S. securities exchanges, except option securities, are valued at the last current reported sales price at the time a Fund determines its net asset value (NAV). Securities traded in the over-the-counter market and quoted on The NASDAQ Stock Market are valued at the NASDAQ Official Closing Price, as determined by NASDAQ, or lacking a NASDAQ Official Closing Price, the last current reported sale price on NASDAQ at the time the Fund determines its NAV.

When a last sale or closing price is not available, equity securities, other than option securities, that are traded on a U.S. securities exchange and other equity securities traded in the over-the-counter market are valued at the mean between the most recent bid and asked quotations in accordance with guidelines adopted by the board of trustees. Each option security traded on a U.S. securities exchange is valued at the mid-point of the consolidated bid/ask quote for the option security, also in accordance with guidelines adopted by the board of trustees. Each over-the-counter option that is not traded through the Options Clearing Corporation is valued based on a quotation provided by the counterparty to such option under the ultimate supervision of the board of trustees.

Fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives are normally valued by independent pricing services or by dealers or brokers who make markets in such securities. Valuations of such fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives consider yield or price of equivalent securities of comparable quality, coupon rate, maturity, type of issue, trading characteristics and other market data and do not rely exclusively upon exchange or over-the-counter prices.

Trading on European and Far Eastern exchanges and over-the-counter markets is typically completed at various times before the close of business on each day on which the New York Stock Exchange (NYSE) is open. Each security trading on these exchanges or over-the-counter markets may be valued utilizing a systematic fair valuation model provided by an independent pricing service approved by the board of trustees. The valuation of each security that meets certain criteria in relation to the valuation model is systematically adjusted to reflect the impact of movement in the U.S. market after the foreign markets close. Securities that do not meet the criteria, or that are principally traded in other foreign markets, are valued as of the last reported sale price at the time the Fund determines its NAV, or when reliable market prices or quotations are not readily available, at the mean between the most recent bid and asked quotations as of the close of the appropriate exchange or other designated time. Trading of foreign 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 NAV is not calculated.

If the pricing committee determines that the valuation of a security in accordance with the methods described above is not reflective of a fair value for such security, the security is valued at a fair value by the pricing committee, under the ultimate supervision of the board of trustees, following the guidelines and/or procedures adopted by the board of trustees.

The Fund also may use fair value pricing, pursuant to guidelines adopted by the board of trustees and under the ultimate supervision of the board of trustees, if trading in the security is halted or if the value of a security it holds is 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 listed. Those 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.

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When fair value pricing of securities is employed, the prices of securities used by a Fund to calculate its NAV may differ from market quotations or official closing prices. In light of the judgment involved in fair valuations, there can be no assurance that a fair value assigned to a particular security is accurate.

Notes to Financial Statements

Investment Transactions. Investment transactions are recorded on a trade date basis. 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 after the ex-dividend date.

Foreign Currency Translation. Values of investments and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using a rate quoted by a 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, the difference in the foreign exchange rates 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 ex-date or accrual 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.

Allocation of Expenses Among Funds. Expenses directly attributable to the Fund are charged to the Fund; certain other common expenses of Calamos Advisors Trust, Calamos Investment Trust, Calamos Convertible Opportunities and Income Fund, Calamos Convertible and High Income Fund, Calamos Strategic Total Return Fund, Calamos Global Total Return Fund and Calamos Global Dynamic Income Fund are allocated proportionately among each fund to which the expenses relate in relation to the net assets of each fund or on another reasonable basis.

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 U.S. income taxes because the Fund's policy is to continue to qualify as a regulated investment company under the Internal Revenue Code of 1986, as amended, and distribute to shareholders substantially all of the Fund's taxable income and net realized 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, 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 for fixed income securities. The financial statements are not adjusted for temporary differences.

The Fund recognized no liability for uncertain tax positions. A reconciliation is not provided as the beginning and ending amounts of unrecognized benefits are zero, with no interim additions, reductions or settlements. Tax years 2007-2010 remain subject to examination by the U.S. and the State of Illinois tax jurisdictions.

Indemnifications. Under the Fund's organizational documents, the Fund is obligated to indemnify its officers and trustees against certain liabilities incurred by them by reason of having been an officer or trustee of the Fund. In addition, in the normal course of business, the Fund may enter into contracts that provide general indemnifications to other parties. The Fund's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Fund that have not yet occurred. Currently, the Fund's management expects the risk of material loss in connection to a potential claim to be remote.

Note 2 Investment Adviser 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 1.00% based on the average weekly managed assets. Managed assets means a fund's total assets (including any assets attributable to any leverage that may be outstanding) minus total liabilities (other than debt representing financial leverage).

Notes to Financial Statements

Pursuant to a financial accounting services agreement, during the period the Fund paid Calamos Advisors a fee for financial accounting services payable monthly at the annual rate of 0.0175% on the first \$1 billion of combined assets, 0.0150% on the next \$1 billion of combined assets and 0.0110% on combined assets above \$2 billion (for purposes of this calculation combined assets means the sum of the total average daily net assets of Calamos Investment Trust, Calamos Advisors Trust, and the total average weekly managed assets of Calamos Convertible and High Income Fund, Calamos Strategic Total Return Fund, Calamos Convertible Opportunities and Income Fund, Calamos Global Total Return Fund and Calamos Global Dynamic Income 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 pays its pro rata share of the financial accounting services fee payable to Calamos Advisors based on its relative portion of combined assets used in calculating the fee.

The Fund reimburses Calamos Advisors for a portion of compensation paid to the Fund's Chief Compliance Officer. This compensation is reported as part of Trustees' fees and officer compensation expense on the Statement of Operations.

A trustee and certain officers of the Fund are also officers and directors of Calamos Advisors. Such trustee and officers 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 (as defined in the 1940 Act) 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 amounts deferred for a participating trustee is determined by reference to the change in value of Class I shares of one or more funds of Calamos Investment Trust designated by the participant. 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. Deferred compensation of \$60,208 is included in Other assets on the Statement of Assets and Liabilities at April 30, 2012. 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, 2012.

Note 3 Investments

The cost of purchases and proceeds from sale of long-term investments for the period ended April 30, 2012 were as follows:

Cost of purchases	\$ 39,287,920
Proceeds from sales	48,077,433

The following information is presented on a federal income tax basis as of April 30, 2012. Differences between the cost basis under U.S. generally accepted accounting principles and federal income tax purposes are primarily due to temporary differences.

The cost basis of investments for federal income tax purposes at April 30, 2012 was as follows:

Cost basis of investments	\$ 161,917,373
Gross unrealized appreciation	9,680,181
Gross unrealized depreciation	(8,454,517)
Net unrealized appreciation (depreciation)	\$ 1,225,664

Note 4 Income Taxes

The Fund intends to make monthly distributions from its income available for distribution, which consists of the Fund's dividends and interest income after payment of Fund expenses, and net realized gains on stock investments. At least annually, the Fund intends to distribute all or substantially all of its net realized capital gains, if any. Distributions are recorded on the ex-dividend date. The Fund distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in-capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income. Distributions in any year may include a return of capital component.

Notes to Financial Statements

The tax character of distributions for the period ended April 30, 2012 will be determined at the end of the Fund's current fiscal year. Distributions during the period ended October 31, 2011 were characterized for federal income tax purposes as follows:

	YEAR ENDED OCTOBER 31, 2011
Distributions paid from:	
Ordinary income	\$ 8,123,892
Long-term capital gains	1,680,863

As of October 31, 2011, the components of accumulated earnings/(loss) on a tax basis were as follows:

Undistributed ordinary income	\$ 1,869,467
Undistributed capital gains	602,616
Total undistributed earnings	2,472,083
Accumulated capital and other losses	
Net unrealized gains/(losses)	905,412
Total accumulated earnings/(losses)	3,377,495
Other	(48,758)
Paid-in capital	116,275,315
Net assets applicable to common shareholders	\$ 119,604,052

Note 5 Common Shares

There are unlimited common shares of beneficial interest authorized and 8,293,033 shares outstanding at April 30, 2012. Calamos Advisors owned 12,004 of the outstanding shares at April 30, 2012. Transactions in common shares were as follows:

	PERIOD ENDED APRIL 30, 2012	YEAR ENDED OCTOBER 31, 2011
Beginning shares	8,214,213	8,063,371
Shares sold	47,544	118,532
Shares issued through reinvestment of distributions	31,276	32,310
Ending shares	8,293,033	8,214,213

Notice is hereby given in accordance with Section 23(c) of the 1940 Act that the Fund may from time to time purchase its shares of common stock in the open market.

The Fund also may offer and sell common shares from time to time at an offering price equal to or in excess of the net asset value per share of the Fund's common shares at the time such common shares are initially sold. Transactions for the first six months of the fiscal year had net proceeds received in excess of net value of \$20,480.

Note 6 Derivative Instruments

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Foreign Currency Risk. The Fund may engage in portfolio hedging with respect to changes in currency exchange rates by entering into forward 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 foreign exchange rates. There were no open forward foreign currency contracts at April 30, 2012.

Equity Risk. The Fund may engage in option transactions and in doing so achieves similar objectives to what it would achieve through the sale or purchase of individual securities. A call option, upon payment of a premium, gives the purchaser of the option the right to buy, and the seller of the option the obligation to sell, the underlying security, index or other instrument at the exercise price. A put option gives the purchaser of the option, upon payment of a premium, the right to sell, and the seller the obligation to buy, the underlying security, index, or other instrument at the exercise price.

Notes to Financial Statements

To seek to offset some of the risk of a potential decline in value of certain long positions, the Fund may also purchase put options on individual securities, broad-based securities indexes or certain exchange traded funds (ETFs). The Fund may also seek to generate income from option premiums by writing (selling) options on a portion of the equity securities (including securities that are convertible into equity securities) in the Fund's portfolio, on broad-based securities indexes, or certain ETFs.

When a Fund purchases an option, it pays a premium and an amount equal to that premium is recorded as an asset. When a Fund writes an option, it receives a premium and an amount equal to that premium is recorded as a liability. The asset or liability is adjusted daily to reflect the current market value of the option. If an option expires unexercised, the Fund realizes a gain or loss to the extent of the premium received or paid. If an option is exercised, the premium received or paid is recorded as an adjustment to the proceeds from the sale or the cost basis of the purchase. The difference between the premium and the amount received or paid on a closing purchase or sale transaction is also treated as a realized gain or loss. The cost of securities acquired through the exercise of call options is increased by premiums paid. The proceeds from securities sold through the exercise of put options are decreased by the premiums paid. Gain or loss on written options and purchased options is presented separately as net realized gain or loss on written options and net realized gain or loss on purchased options, respectively.

Interest Rate Risk. The Fund engages in interest rate swaps primarily to hedge the interest rate risk on the Fund's borrowings (see Note 7 Borrowings). An interest rate swap is a contract that involves the exchange of one type of interest rate for another type of interest rate. If interest rates rise, resulting in a diminution in the value of the Fund's portfolio, the Fund would receive payments under the swap that would offset, in whole or in part, such diminution in value; if interest rates fall, the Fund would likely lose money on the swap transaction. Unrealized gains are reported as an asset, and unrealized losses are reported as a liability on the Statement of Assets and Liabilities. The change in value of swaps, including accruals of periodic amounts of interest to be paid or received on swaps, is reported as change in net unrealized appreciation/depreciation on interest rate swaps in the Statement of Operations. A realized gain or loss is recorded in net realized gain (loss) on interest rate swaps in the Statement of Operations upon payment or receipt of a periodic payment or termination of the swap agreements. Swap agreements are stated at fair value. Notional principal amounts are used to express the extent of involvement in these transactions, but the amounts potentially subject to credit risk are much smaller. In connection with these contracts, securities may be identified as collateral in accordance with the terms of the respective swap contracts in the event of default or bankruptcy of the Fund.

Premiums paid to or by a Fund are accrued daily and included in realized gain (loss) when paid on swaps in the accompanying Statement of Operations. The contracts are marked-to-market daily based upon third party vendor valuations and changes in value are recorded as unrealized appreciation (depreciation). Gains or losses are realized upon early termination of the contract. Risks may exceed amounts recognized in the Statement of Assets and Liabilities. These risks include changes in the returns of the underlying instruments, failure of the counterparties to perform under the contracts' terms, counterparty's creditworthiness, and the possible lack of liquidity with respect to the contracts.

As of April 30, 2012, the Fund had outstanding interest rate swap agreements as listed on the Schedule of Investments.

Below are the types of derivatives in the Fund by gross value as of April 30, 2012:

Derivative Type:	ASSETS		LIABILITIES	
	STATEMENT OF ASSETS & LIABILITIES LOCATION	VALUE	STATEMENT OF ASSETS & LIABILITIES LOCATION	VALUE
Interest Rate Swaps	Unrealized appreciation on swaps	\$	Unrealized depreciation on swaps	\$ 598,317
Volume of Derivative Activity for the Six Months Ended April 30, 2012*				

Interest Rate:
Interest rate swaps

\$ 12,000,000

* Activity during the period is measured by opened notional amount for swap contracts.

Notes to Financial Statements

Note 7 Borrowings

The Fund, with the approval of its board of trustees, including its independent trustees, has entered into a financing package that includes a Committed Facility Agreement (the Agreement) with BNP Paribas Prime Brokerage, Inc. (BNP) that allows the Fund to borrow up to \$59,000,000, and a Lending Agreement, as defined below. Borrowings under the Agreement are secured by assets of the Fund that are held with the Fund's custodian in a separate account (the pledged collateral). Interest is charged at the quarterly LIBOR (London Inter-bank Offered Rate) plus .65% on the amount borrowed and .55% on the undrawn balance. For the period ended April 30, 2012, the average borrowings under the Agreement and the average interest rate on the amount borrowed were \$41,000,000 and 1.18%, respectively. As of April 30, 2012, the amount of such outstanding borrowings was \$41,000,000. The interest rate applicable to the borrowings on April 30, 2012 was 1.12%.

The Lending Agreement is a separate side-agreement between the Fund and BNP pursuant to which BNP may borrow a portion of the pledged collateral (the Lent Securities) in an amount not to exceed the outstanding borrowings owed by the Fund to BNP under the Agreement. The Lending Agreement is intended to permit the Fund to significantly reduce the cost of its borrowings under the Agreement. BNP may re-register the Lent Securities in its own name or in another name other than the Fund, and may pledge, re-pledge, sell, lend or otherwise transfer or use the Lent Securities with all attendant rights of ownership. (It is the Fund's understanding that BNP will perform due diligence to determine the creditworthiness of any party that borrows Lent Securities from BNP.) The Fund may designate any security within the pledged collateral as ineligible to be a Lent Security, provided there are eligible securities within the pledged collateral in an amount equal to the outstanding borrowing owed by the Fund. During the period in which the Lent Securities are outstanding, BNP must remit payment to the Fund equal to the amount of all dividends, interest or other distributions earned or made by the Lent Securities.

Under the terms of the Lending Agreement, the Lent Securities are marked to market daily, and if the value of the Lent Securities exceeds the value of the then-outstanding borrowings owed by the Fund to BNP under the Agreement (the Current Borrowings), BNP must, on that day, either (1) return Lent Securities to the Fund's custodian in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings; or (2) post cash collateral with the Fund's custodian equal to the difference between the value of the Lent Securities and the value of the Current Borrowings. If BNP fails to perform either of these actions as required, the Fund will recall securities, as discussed below, in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings. The Fund can recall any of the Lent Securities and BNP shall, to the extent commercially possible, return such security or equivalent security to the Fund's custodian no later than three business days after such request. If the Fund recalls a Lent Security pursuant to the Lending Agreement, and BNP fails to return the Lent Securities or equivalent securities in a timely fashion, BNP shall remain liable to the Fund's custodian for the ultimate delivery of such Lent Securities, or equivalent securities, and for any buy-in costs that the executing broker for the sales transaction may impose with respect to the failure to deliver. The Fund shall also have the right to apply and set-off an amount equal to one hundred percent (100%) of the then-current fair value of such Lent Securities against the Current Borrowings.

Note 8 Fair Value Measurements

Various inputs are used to determine the value of the Fund's investments. These inputs are categorized into three broad levels as follows:

Level 1 Prices are determined using inputs from unadjusted quoted prices from active markets (including securities actively traded on a securities exchange) for identical assets.

Level 2 Prices are determined using significant observable market inputs other than unadjusted quoted prices, including quoted prices of similar securities, fair value adjustments to quoted foreign securities, interest rates, credit risk, prepayment speeds, and other relevant data.

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Level 3 Prices reflect unobservable market inputs (including the Fund's own judgments about assumptions market participants would use in determining fair value) when observable inputs are unavailable.

Debt securities are valued based upon evaluated prices received from an independent pricing service or from a dealer or broker who makes markets in such securities. Pricing services utilize various observable market data and as such, debt securities are generally categorized as Level 2. The levels are not necessarily an indication of the risk or liquidity of the Funds' investments. Transfers between the levels for investment securities or other financial instruments are measured at the end of the reporting period.

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Notes to Financial Statements

The following is a summary of the inputs used in valuing the Fund's holdings at fair value:

	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL
Assets:				
Corporate Bonds	\$	\$ 18,068,119	\$	\$ 18,068,119
Convertible Bonds		37,897,220		37,897,220
U.S. Government and Agency Security		1,201,360		1,201,360
Sovereign Bonds		12,513,557		12,513,557
Convertible Preferred				
Stocks	639,747	3,098,463		3,738,210
Common Stocks	32,196,328	47,945,629		80,141,957
Short Term Investment	9,582,614			9,582,614
Total	\$ 42,418,689	\$ 120,724,348	\$	\$ 163,143,037
Liabilities:				
Interest Rate Swaps	\$	\$ 598,317	\$	\$ 598,317
Total	\$	\$ 598,317	\$	\$ 598,317
	Transfers into Level 1*	Transfers out of Level 1	Transfers into Level 2	Transfers out of Level 2*
Investments, at Value:				
Common Stocks	\$ 1,466,942	\$	\$	\$ 1,466,942
Total	\$ 1,466,942	\$	\$	\$ 1,466,942

* Transfers to Level 1 from Level 2 were due to the absence of an applied factor utilizing a systematic fair valuation model on securities that trade on European and Far Eastern exchanges.

Financial Highlights

Selected data for a share outstanding throughout each period were as follows:

	(Unaudited)	Year Ended October 31,				
	Six Months Ended April 30,	2011	2010	2009	2008	2007
	2012					
Net asset value, beginning of period	\$ 14.56	\$ 14.60	\$ 13.97	\$ 11.21	\$ 21.05	\$ 16.31
Income from investment operations:						
Net investment income (loss)**	0.15	0.31	0.46	0.52	0.74	0.96
Net realized and unrealized gain (loss)	0.38	0.87	1.38	3.51	(9.00)	5.38
Distributions to preferred shareholders from:						
Net investment income (common share equivalent basis)					(0.09)	(0.39)
Net realized gains (common share equivalent basis)					(0.09)	(a)
Total from investment operations	0.53	1.18	1.84	4.03	(8.44)	5.95
Less distributions to common shareholders from:						
Net investment income	(0.53)	(1.00)	(1.20)	(1.17)	(1.15)	(1.09)
Net realized gains	(0.07)	(0.21)		(0.09)	(0.23)	(0.12)
Total distributions	(0.60)	(1.21)	(1.20)	(1.26)	(1.38)	(1.21)
Capital charge resulting from issuance of common and preferred shares and related offering costs	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	
Premiums from shares sold in at the market offerings	(a)	(a)	(a)			
Net asset value, end of period	\$ 14.48	\$ 14.56	\$ 14.60	\$ 13.97	\$ 11.21	\$ 21.05
Market value, end of period	\$ 14.61	\$ 14.69	\$ 14.60	\$ 13.30	\$ 9.54	\$ 19.51
Total investment return based on:(b)						
Net asset value	3.70%	8.15%	13.76%	40.32%	(41.78)%	38.30%
Market value	3.71%	9.11%	19.49%	56.98%	(46.54)%	33.84%
Net assets, end of period (000)	\$ 120,100	\$ 119,604	\$ 117,731	\$ 112,014	\$ 89,756	\$ 168,551
Preferred shares, at redemption value (\$25,000 per share liquidation preference) (000 s omitted)	\$	\$	\$	\$	\$	\$ 59,000

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Ratios to average net assets applicable to common shareholders:

Net expenses(c)	2.08%(d)	1.90%	2.06%	2.43%	2.28%	1.72%
Gross expenses prior to expense reductions and earnings credits(c)	2.08%(d)	1.90%	2.06%	2.44%	2.29%	1.72%
Net expenses, excluding interest expense	1.59%(d)	1.46%	1.49%	1.55%	1.69%	1.72%
Net investment income (loss)(c)	2.14%(d)	2.07%	3.28%	4.34%	4.08%	5.37%
Preferred share distributions	%	%	%	%	0.52%	2.17%
Net investment income (loss), net of preferred share distributions from net investment income	2.14%(d)	2.07%	3.28%	4.34%	3.56%	3.20%
Portfolio turnover rate	25%	89%	86%	65%	82%	85%
Average commission rate paid	\$ 0.0106	\$ 0.0101	\$ 0.0117	\$ 0.0167	\$ 0.0830	\$ 0.0377
Asset coverage per preferred share, at end of period(e)	\$	\$	\$	\$	\$	\$ 96,423
Asset coverage per \$1,000 of loan outstanding(f)	\$ 3,929	\$ 3,917	\$ 4,924	\$ 4,734	\$ 3,493	\$

** Net investment income allocated based on average shares method.

(a) Amount equated to less than \$0.005 per common share.

(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. NAV per share is determined by dividing the value of the Fund's portfolio securities, cash and other assets, less all liabilities, by the total number of common shares outstanding. The common share market price is the price the market is willing to pay for shares of the Fund at a given time. Common share market price is influenced by a range of factors, including supply and demand and market conditions.

(c) Does not reflect the effect of dividend payments to Preferred Shareholders.

(d) Annualized.

(e) 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.

(f) Calculated by subtracting the Fund's total liabilities (not including Note payable) and preferred shares from the Fund's total assets and dividing this by the amount of note payable outstanding, and by multiplying the result by 1,000.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees and Shareholders of Calamos Global Total Return Fund

We have reviewed the accompanying statement of assets and liabilities, including the schedule of investments, for Calamos Global Total Return Fund (the Fund) as of April 30, 2012, and the related statements of operations, changes in net assets, and cash flows 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 standards of the Public Company Accounting Oversight Board (United States), the objective of which is the expression of an opinion regarding the financial statements and financial highlights 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 of the Fund for the year ended October 31, 2011 and the financial highlights for each of the five years in the period then ended; and in our report dated December 16, 2011, we expressed an unqualified opinion on such statement of changes in net assets and financial highlights.

Chicago, Illinois

June 21, 2012

About Closed-End Funds

What is a Closed-End Fund?

A closed-end fund is a publicly traded investment company that raises its initial investment capital through the issuance of a fixed number of shares to investors in a public offering. Shares of a closed-end fund are listed on a stock exchange or traded in the over-the-counter market. Like all investment companies, a closed-end fund is professionally managed and offers investors a unique investment solution based on its investment objective approved by the fund's Board of Directors.

Potential Advantages of Closed-End Fund Investing

Defined Asset Pool Allows Efficient Portfolio Management Although closed-end fund shares trade actively on a securities exchange, this doesn't affect the closed-end fund manager because there are no new investors buying into or selling out of the fund's portfolio.

More Flexibility in the Timing and Price of Trades Investors can purchase and sell shares of closed-end funds throughout the trading day, just like the shares of other publicly traded securities.

Lower Expense Ratios The expense ratios of closed-end funds are oftentimes less than those of mutual funds. Over time, a lower expense ratio could enhance investment performance.

Closed-End Structure Makes Sense for Less-Liquid Asset Classes A closed-end structure makes sense for investors considering less-liquid asset classes, such as high-yield bonds or micro-cap stocks.

Ability to Put Leverage to Work Closed-end funds may issue senior securities (such as preferred shares or debentures) or borrow money to leverage their investment positions.

No Minimum Investment Requirements

OPEN-END MUTUAL FUNDS VERSUS CLOSED-END FUNDS

OPEN-END FUND

Issues new shares on an ongoing basis
Issues common equity shares

Sold at NAV plus any sales charge
Sold through the fund's distributor
Fund redeems shares at NAV calculated at the close of business day

CLOSED-END FUND

Generally issues a fixed number of shares
Can issue common equity shares and senior securities such as preferred shares and bonds

Price determined by the marketplace
Traded in the secondary market
Fund does not redeem shares

Level Rate Distribution Policy

Using a Level Rate Distribution Policy to Promote Dependable Income and Total Return

The goal of the level rate distribution policy is to provide investors a predictable, though not assured, level of cash flow, which can either serve as a stable income stream or, through reinvestment, contribute significantly to long-term total return.

We understand the importance that investors place on the stability of dividends and their ability to contribute to long-term total return, which is why we have instituted a level rate distribution policy for the Fund. Under the policy, monthly distributions paid may include net investment income, net realized short-term capital gains and, if necessary, return of capital. In addition, a limited number of distributions per calendar year may include net realized long-term capital gains. There is no guarantee that the Fund will realize capital gains in any given year. Distributions are subject to re-characterization for tax purposes after the end of the fiscal year. All shareholders with taxable accounts will receive written notification regarding the components and tax treatment for distributions via Form 1099-DIV.

Distributions from the Fund are generally subject to Federal income taxes. For purposes of maintaining the level rate distribution policy, the Fund may realize short-term capital gains on securities that, if sold at a later date, would have resulted in long-term capital gains. Maintenance of a level rate distribution policy may increase transaction and tax costs associated with the Fund.

Automatic Dividend Reinvestment Plan

Maximizing Investment with an Automatic Dividend Reinvestment Plan

The Automatic Dividend Reinvestment Plan offers a simple, cost-efficient and convenient way to reinvest your dividends and capital gains distributions in additional shares of the Fund, allowing you to increase your investment in the Fund.

Potential Benefits

Compounded Growth: By automatically reinvesting with the Plan, you gain the potential to allow your dividends and capital gains to compound over time.

Potential for Lower Commission Costs: Additional shares are purchased in large blocks, with brokerage commissions shared among all plan participants. There is no cost to enroll in the Plan.

Convenience: After enrollment, the Plan is automatic and includes detailed statements for participants. Participants can terminate their enrollment at any time.

Pursuant to the Plan, unless a shareholder is ineligible or elects otherwise, all dividend and capital gains on common shares distributions are automatically reinvested by Computershare, as agent for shareholders in administering the Plan (Plan Agent), in additional common shares of the Fund. Shareholders who elect not to participate in the Plan will receive all dividends and distributions payable in cash paid by check mailed directly to the shareholder of record (or, if the shares are held in street or other nominee name, then to such nominee) by Plan Agent, as dividend paying agent. Shareholders may elect not to participate in the Plan and to receive all dividends and distributions in cash by sending written

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instructions to Plan Agent, as dividend paying agent, at: Dividend Reinvestment Department, P.O. Box 358016, Pittsburgh, PA 15252. Participation in the Plan is completely voluntary and may be terminated or resumed at any time without penalty by giving notice in writing to the Plan Agent; such termination will be effective with respect to a particular dividend or distribution if notice is received prior to the record date for the applicable distribution.

The shares are acquired by the Plan Agent for the participant's account either (i) through receipt of additional common shares from the Fund (newly issued shares) or (ii) by purchase of outstanding common shares on the

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Automatic Dividend Reinvestment Plan

open market (open-market purchases) on the NYSE or elsewhere. If, on the payment date, the net asset value per share of the common shares is equal to or less than the market price per common share plus estimated brokerage commissions (a market premium), the Plan Agent will receive newly issued shares from the Fund for each participant's account. The number of newly issued common shares to be credited to the participant's account will be determined by dividing the dollar amount of the dividend or distribution by the greater of (i) the net asset value per common share on the payment date, or (ii) 95% of the market price per common share on the payment date.

If, on the payment date, the net asset value per common share exceeds the market price plus estimated brokerage commissions (a market discount), the Plan Agent has a limited period of time to invest the dividend or distribution amount in shares acquired in open-market purchases. The weighted average price (including brokerage commissions) of all common shares purchased by the Plan Agent as Plan Agent will be the price per common share allocable to each participant. If, the Plan Agent is unable to invest the full dividend amount in open-market purchases during the purchase period or if the market discount shifts to a market premium during the purchase period, the Plan Agent will cease making open-market purchases and will invest the uninvested portion of the dividend or distribution amount in newly issued shares at the close of business on the last purchase date.

The automatic reinvestment of dividends and distributions will not relieve participants of any federal, state or local income tax that may be payable (or required to be withheld) on such dividends even though no cash is received by participants.

There are no brokerage charges with respect to shares issued directly by the Fund as a result of dividends or distributions payable either in shares or in cash. However, each participant will pay a pro rata share of brokerage commissions incurred with respect to the Plan Agent's open-market purchases in connection with the reinvestment of dividends or distributions. If a participant elects to have the Plan Agent sell part or all of his or her common shares and remit the proceeds, such participant will be charged his or her pro rata share of brokerage commissions on the shares sold, plus a \$15 transaction fee. There is no direct service charge to participants in the Plan; however, the Fund reserves the right to amend the Plan to include a service charge payable by the participants.

A participant may request the sale of all of the common shares held by the Plan Agent in his or her Plan account in order to terminate participation in the Plan. If such participant elects in advance of such termination to have the Plan Agent sell part or all of his shares, the Plan Agent is authorized to deduct from the proceeds a \$15.00 fee plus the brokerage commissions incurred for the transaction. A participant may re-enroll in the Plan in limited circumstances.

The terms and conditions of the Plan may be amended by the Plan Agent or the Fund at any time upon notice are required by the Plan.

This discussion of the Plan is only summary, and is qualified in its entirety to the Terms and Conditions of the Dividend Reinvestment Plan filed as part of the Fund's registration statement.

For additional information about the Plan, please contact the Plan Agent, Computershare, at 866.226.8016. If you wish to participate in the Plan and your shares are held in your own name, simply call the Plan Agent. If your shares are not held in your name, please contact your brokerage firm, bank, or other nominee to request that they participate in the Plan on your behalf. If your brokerage firm, bank, or other nominee is unable to participate on your behalf, you may request that your shares be re-registered in your own name.

We're pleased to provide our shareholders with the additional benefit of the Fund's Dividend Reinvestment Plan and hope that it may serve your financial plan.

MANAGING YOUR CALAMOS FUNDS INVESTMENTS

Calamos Investments offers several convenient means to monitor, manage and feel confident about your Calamos investment choice.

PERSONAL ASSISTANCE: 800.582.6959

Dial this toll-free number to speak with a knowledgeable Client Services Representative who can help answer questions or address issues concerning your Calamos Fund.

YOUR FINANCIAL ADVISOR

We encourage you to talk to your financial advisor to determine how the Calamos Funds can benefit your investment portfolio based on your financial goals, risk tolerance, time horizon and income needs.

STAY CONNECTED

www.calamos.com

Visit our website for timely fund performance, detailed fund profiles, fund news and insightful market commentary.

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A description of the Calamos Proxy Voting Policies and Procedures and the Fund's proxy voting record for the 12 month period ended June 30, 2011, are available free of charge upon request by calling 800.582.6959, by visiting the Calamos website at www.calamos.com, by writing Calamos at: Calamos Investments, Attn: Client Services, 2020 Calamos Court, Naperville, IL 60563. The Fund's proxy voting record is also available free of charge by visiting the SEC website at <http://www.sec.gov>.

The Fund files its complete list of portfolio holdings with the SEC for the first and third quarters each fiscal year on Form N-Q. The Forms N-Q are available free of charge, upon request, by calling or writing Calamos Investments at the phone number or address provided above or by visiting the SEC website at <http://www.sec.gov>. You may also review or, for a fee, copy the forms at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room may be obtained by calling 800.732.0330.

On June 22, 2011, the Fund submitted a CEO annual certification to the NYSE on which the Fund's chief executive officer certified that he was not aware, as of that date, of any violation by the Fund of the NYSE's corporate governance listing standards. In addition, the Fund's report to the SEC on Form N-CSRS contains certifications by the fund's principal executive officer and principal financial officer as required by Rule 30a-2(a) under the 1940 Act, relating to, among other things, the quality of the Fund's disclosure controls and procedures and internal control over financial reporting.

FOR 24 HOUR AUTOMATED SHAREHOLDER ASSISTANCE: 866.226.8016

TO OBTAIN INFORMATION ABOUT YOUR INVESTMENTS: 800.582.6959

VISIT OUR WEBSITE: www.calamos.com

INVESTMENT ADVISER:

Calamos Advisors LLC

2020 Calamos Court

Naperville, IL 60563-2787

CUSTODIAN AND FUND ACCOUNTING AGENT:

State Street Bank and Trust Company

225 Franklin Street

Boston, MA 02111

TRANSFER AGENT:

Computershare

P.O. Box 358016

Pittsburgh, PA 15252

866.226.8016

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM:

Deloitte & Touche LLP

Chicago, IL

LEGAL COUNSEL:

K&L Gates LLP

Chicago, IL

2020 Calamos Court

Naperville, IL 60563-2787

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www.calamos.com

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CGOSAN 2706 2012

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.

Not applicable

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

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 Global Total Return Fund

By: /s/ John P. Calamos, Sr.
Name: John P. Calamos, Sr.
Title: Principal Executive Officer
Date: June 25, 2012

By: /s/ Nimish S. Bhatt
Name: Nimish S. Bhatt
Title: Principal Financial Officer
Date: June 25, 2012

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.

By: /s/ John P. Calamos, Sr.
Name: John P. Calamos, Sr.
Title: Principal Executive Officer
Date: June 25, 2012

By: /s/ Nimish S. Bhatt
Name: Nimish S. Bhatt
Title: Principal Financial Officer
Date: June 25, 2012