

**PRIMECAP Odyssey Growth Fund**  
**Portfolio Holdings**  
**December 31, 2016 (Unaudited)**

Common Stock					
Sections	CUSIP	Description	Shares	Market Value	
Information Technology - 30.2%	00724F101	ADOBE SYSTEMS, INC.	1,328,850	\$ 136,805,107	
	01609W102	ALIBABA GROUP HOLDING LTD. - ADR	1,478,000	129,783,180	
	02079K305	ALPHABET, INC. - CLASS A	116,067	91,977,294	
	02079K107	ALPHABET, INC. - CLASS C	115,530	89,168,365	
	032654105	ANALOG DEVICES, INC.	137,000	9,948,940	
	038222105	APPLIED MATERIALS, INC.	51,700	1,668,359	
	N07059210	ASML HOLDING N.V.	250,000	28,050,000	
	09228F103	BLACKBERRY LTD.	15,081,850	103,913,946	
	17275R102	CISCO SYSTEMS, INC.	1,515,900	45,810,498	
	219350105	CORNING, INC.	350,000	8,494,500	
	225447101	CREE, INC.	1,320,100	34,837,439	
	24703L103	DELL TECHNOLOGIES INC - CLASS V	262,818	14,447,105	
	278642103	EBAY, INC.	199,300	5,917,217	
	285512109	ELECTRONIC ARTS, INC.	225,000	17,721,000	
	28849P100	ELLIE MAE, INC.	664,000	55,563,520	
	Y2573F102	FLEXTRONICS INTERNATIONAL LTD.	5,058,700	72,693,519	
	346375108	FORMFACTOR, INC.	624,718	6,996,842	
	42824C109	HEWLETT PACKARD ENTERPRISE CO.	2,950,700	68,279,198	
	40434L105	HP, INC.	3,319,700	49,264,348	
	458140100	INTEL CORP.	1,621,200	58,800,924	
	461202103	INTUIT, INC.	105,000	12,034,050	
	466313103	JABIL CIRCUIT, INC.	725,000	17,160,750	
	49338L103	KEYSIGHT TECHNOLOGIES, INC.	547,150	20,009,276	
	482480100	KLA-TENCOR CORP.	742,000	58,380,560	
	294821608	L.M. ERICSSON TELEPHONE CO. - ADR	7,654,600	44,626,318	
	595112103	MICRON TECHNOLOGY, INC.	6,280,000	137,657,600	
	594918104	MICROSOFT CORP.	2,358,100	146,532,334	
	64110D104	NETAPP, INC.	3,567,354	125,820,576	
	64126X201	NEUSTAR, INC. - CLASS A	1,653,100	55,213,540	
	67020Y100	NUANCE COMMUNICATIONS, INC.	1,620,000	24,138,000	
	67066G104	NVIDIA CORP.	667,000	71,195,580	
	747525103	QUALCOMM, INC.	1,034,200	67,429,840	
	750917106	RAMBUS, INC.	160,000	2,203,200	
	M85548101	STRATASYS LTD.	2,580,000	42,673,200	
	882508104	TEXAS INSTRUMENTS, INC.	1,751,395	127,799,293	
	896239100	TRIMBLE NAVIGATION LTD.	923,600	27,846,540	
	92826C839	VISA, INC. - CLASS A	810,000	63,196,200	
	928563402	VMWARE, INC. - CLASS A	415,000	32,672,950	
	958102105	WESTERN DIGITAL CORP.	120,380	8,179,821	
	984332106	YAHOO!, INC.	585,000	22,621,950	
					<u>2,137,532,879</u>
	Health Care - 30.0%	002824100	ABBOTT LABORATORIES	852,018	32,726,011
		003654100	ABIOMED, INC.	1,893,800	213,393,384
		004397105	ACCURAY, INC.	2,952,200	13,580,120
		00846U101	AGILENT TECHNOLOGIES, INC.	311,300	14,182,828
		G01767105	ALKERMES PLC	1,690,000	93,930,200
		031162100	AMGEN, INC.	1,363,000	199,284,230
046353108		ASTRAZENECA PLC - ADR	1,201,300	32,819,516	
09062X103		BIOGEN, INC.	538,900	152,821,262	
09061G101		BIOMARIN PHARMACEUTICAL, INC.	650,651	53,899,929	
101137107		BOSTON SCIENTIFIC CORP.	1,053,800	22,793,694	
532457108		ELI LILLY & CO.	3,464,100	254,784,555	
29428V104		EPIZYME, INC.	2,401,543	29,058,670	
452327109		ILLUMINA, INC.	460,400	58,949,616	
45253H101		IMMUNOGEN, INC.	2,833,943	5,781,244	
45784P101		INSULET CORP.	2,717,421	102,392,423	
478160104		JOHNSON & JOHNSON	307,337	35,408,296	
G5960L103		MEDTRONIC PLC	494,150	35,198,305	
58933Y105		MERCK & CO., INC.	700,000	41,209,000	
60877T100		MOMENTA PHARMACEUTICALS, INC.	578,000	8,698,900	
640268108		NEKTAR THERAPEUTICS	6,166,656	75,664,869	
66987V109		NOVARTIS AG - ADR	531,350	38,703,534	
670704105		NUVASIVE, INC.	200,000	13,472,000	
68554V108		ORASURE TECHNOLOGIES, INC.	200,000	1,756,000	
714046109		PERKINELMER, INC.	361,000	18,826,150	
N72482107		QIAGEN N.V.	3,087,614	86,514,944	
CH0012032048		ROCHE HOLDING AG - CHF	586,500	133,968,281	
812578102		SEATTLE GENETICS, INC.	5,698,862	300,728,948	
883556102		THERMO FISHER SCIENTIFIC, INC.	316,400	44,644,040	
941848103		WATERS CORP.	49,200	6,611,988	
98956P102		ZIMMER BIOMET HOLDINGS, INC.	12,500	1,290,000	
				<u>2,123,092,937</u>	

Industrials - 13.1%				
	00766T100	AECOM	1,325,000	48,177,000
	NL0000235190	AIRBUS GROUP SE - EUR	737,700	48,797,941
	02376R102	AMERICAN AIRLINES GROUP, INC.	5,180,201	241,863,585
	053774105	AVIS BUDGET GROUP, INC.	430,100	15,776,068
	149123101	CATERPILLAR, INC.	55,700	5,165,618
	17273K109	CIRCOR INTERNATIONAL, INC.	145,000	9,407,600
	231561101	CURTISS-WRIGHT CORP.	274,000	26,950,640
	247361702	DELTA AIR LINES, INC.	1,460,000	71,817,400
	31428X106	FEDEX CORP.	200,000	37,240,000
	45167R104	IDEX CORP.	177,000	15,940,620
	469814107	JACOBS ENGINEERING GROUP, INC.	1,150,794	65,595,258
	477143101	JETBLUE AIRWAYS CORP.	1,377,550	30,884,671
	767744105	RITCHIE BROS. AUCTIONEERS, INC.	489,000	16,626,000
	844741108	SOUTHWEST AIRLINES CO.	2,997,700	149,405,368
	910047109	UNITED CONTINENTAL HOLDINGS, INC.	1,838,900	134,019,032
	911312106	UNITED PARCEL SERVICE, INC. - CLASS B	86,000	9,859,040
				<u>927,525,841</u>
Consumer Discretionary - 12.2%				
	04351G101	ASCENA RETAIL GROUP, INC.	2,145,000	13,277,550
	075896100	BED BATH & BEYOND, INC.	154,200	6,266,688
	143130102	CARMAX, INC.	2,303,178	148,301,631
	143658300	CARNIVAL CORP.	1,985,746	103,377,937
	375916103	GILDAN ACTIVEWEAR, INC.	558,300	14,164,071
	43300A104	HILTON WORLDWIDE HOLDINGS, INC.	200,000	5,440,000
	501797104	L BRANDS, INC.	1,583,898	104,283,844
	517834107	LAS VEGAS SANDS CORP.	557,099	29,754,658
	552953101	MGM RESORTS INTERNATIONAL	250,000	7,207,500
	G66721104	NORWEGIAN CRUISE LINE HOLDINGS LTD.	1,850,000	78,680,500
	778296103	ROSS STORES, INC.	136,600	8,960,960
	V7780T103	ROYAL CARIBBEAN CRUISES LTD.	1,656,371	135,888,677
	82568P304	SHUTTERFLY, INC.	1,658,127	83,204,813
	830566105	SKECHERS U.S.A., INC. - CLASS A	50,000	1,229,000
	835699307	SONY CORP. - ADR	3,935,000	110,298,050
	88160R101	TESLA MOTORS, INC.	30,000	6,410,700
	872540109	TJX COS., INC.	126,000	9,466,380
				<u>866,212,959</u>
Financials - 8.3%				
	808513105	CHARLES SCHWAB CORP. (THE)	3,543,223	139,851,012
	12572Q105	CME GROUP, INC.	106,000	12,227,100
	254709108	DISCOVER FINANCIAL SERVICES	813,600	58,652,424
	269246401	E*TRADE FINANCIAL CORP.	4,903,000	169,888,950
	46625H100	JPMORGAN CHASE & CO.	1,490,000	128,572,100
	571748102	MARSH & MCLENNAN COS., INC.	390,350	26,383,756
	743315103	PROGRESSIVE CORP. (THE)	507,000	17,998,500
	949746101	WELLS FARGO & CO.	640,000	35,270,400
				<u>588,844,242</u>
Materials - 0.8%				
	61166W101	MONSANTO CO.	394,500	41,505,345
	74005P104	PRAXAIR, INC.	100,000	11,719,000
				<u>53,224,345</u>
Energy - 0.5%				
	26875P101	EOG RESOURCES, INC.	15,000	1,516,500
	N33462107	FRANK'S INTERNATIONAL N.V.	70,000	861,700
	637071101	NATIONAL OILWELL VARCO, INC.	70,000	2,620,800
	75281A109	RANGE RESOURCES CORP.	70,000	2,405,200
	806857108	SCHLUMBERGER LTD.	72,900	6,119,955
	845467109	SOUTHWESTERN ENERGY CO.	1,050,000	11,361,000
	H8817H100	TRANSOCEAN LTD.	872,000	12,853,280
				<u>37,738,435</u>
Consumer Staples - 0.3%				
	09531U102	BLUE BUFFALO PET PRODUCTS, INC.	271,300	6,522,052
	126650100	CVS HEALTH CORP.	151,000	11,915,410
				<u>18,437,462</u>
Total Common Stocks - 95.4%				<u>\$ 6,752,609,100</u>
Rights				
Health Care - 0.0%				
	267CVR991	DYAX CORP. CONTINGENT VALUE RIGHTS	30,000	33,300
Total Rights				<u>33,300</u>
Short Term Investments - 4.6%				
	261941108	DREYFUS TREASURY SECURITIES CASH MANAGEMENT FUND	323,745,941	323,745,941
Total Portfolio - 100%				<u>\$ 7,076,388,341</u>
ADR	American Depository Receipt			
CHF	Swiss Francs			
EUR	Euros			

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