

PRIMECAP Odyssey Growth Fund
Portfolio Holdings
December 31, 2018 (Unaudited)

Common Stock				
Sectors	CUSIP	Description	Shares	Market Value
Health Care - 31.1%				
	002824100	ABBOTT LABORATORIES	852,018	\$ 61,626,462
	003654100	ABIOMED, INC.	1,653,100	537,323,624
	004397105	ACCURAY, INC.	2,285,000	7,791,850
	00846U101	AGILENT TECHNOLOGIES, INC.	411,300	27,746,298
	G01767105	ALKERMES PLC	7,669,747	226,334,234
	031162100	AMGEN, INC.	1,246,857	242,725,652
	040047607	ARENA PHARMACEUTICALS, INC.	590,000	22,980,500
	046353108	ASTRAZENECA PLC - ADR	3,450,700	131,057,586
	07725L102	BEIGENE LTD. - ADR	429,000	60,171,540
	KYG1146Y1017	BEIGENE LTD. - HKD	2,409,800	25,881,384
	09062X103	BIOGEN, INC.	511,900	154,040,948
	09061G101	BIOMARIN PHARMACEUTICAL, INC.	1,735,296	147,760,454
	101137107	BOSTON SCIENTIFIC CORP.	1,459,800	51,589,332
	110122108	BRISTOL-MYERS SQUIBB CO.	2,564,000	133,276,720
	126650100	CVS HEALTH CORP.	219,050	14,352,156
	28414H103	ELANCO ANIMAL HEALTH, INC.	1,075,300	33,904,209
	532457108	ELI LILLY & CO.	3,340,533	386,566,479
	29428V104	EPIZYME, INC.	3,358,043	20,685,545
	452327109	ILLUMINA, INC.	289,300	86,769,749
	45253H101	IMMUNOGEN, INC.	2,400,000	11,520,000
	45784P101	INSULET CORP.	2,580,321	204,671,062
	G5509L101	LIVANOVA PLC	20,000	1,829,400
	G5960L103	MEDTRONIC PLC	350,900	31,917,864
	58933Y105	MERCK & CO., INC.	400,000	30,564,000
	60877T100	MOMENTA PHARMACEUTICALS, INC.	888,900	9,813,456
	640268108	NEKTAR THERAPEUTICS	6,784,758	223,014,996
	66987V109	NOVARTIS AG - ADR	1,120,636	96,161,775
	670704105	NUVASIVE, INC.	200,000	9,912,000
	68554V108	ORASURE TECHNOLOGIES, INC.	600,000	7,008,000
	714046109	PERKINELMER, INC.	411,000	32,284,050
	N72482123	QIAGEN N.V.	2,948,961	101,591,706
	CH0012032048	ROCHE HOLDING AG - CHF	309,032	76,527,001
	812578102	SEATTLE GENETICS, INC.	5,995,700	339,716,362
	DE000SHL1006	SIEMENS HEALTHINEERS AG - EUR	202,200	8,466,411
	883556102	THERMO FISHER SCIENTIFIC, INC.	318,400	71,254,736
	941848103	WATERS CORP.	48,500	9,149,525
	98401F105	XENCOR, INC.	1,144,100	41,370,656
	98956P102	ZIMMER BIOMET HOLDINGS, INC.	96,000	9,957,120
				<u>3,689,314,842</u>
Information Technology - 24.8%				
	00724F101	ADOBE SYSTEMS, INC.	1,071,453	242,405,527
	021369103	ALTAIR ENGINEERING, INC. - CLASS A	604,800	16,680,384
	032654105	ANALOG DEVICES, INC.	444,000	38,108,520
	038222105	APPLIED MATERIALS, INC.	526,700	17,244,158
	N07059210	ASML HOLDING N.V. - ADR	213,600	33,240,432
	09228F103	BLACKBERRY LTD.	16,963,750	120,612,262
	17275R102	CISCO SYSTEMS, INC.	1,654,700	71,698,151
	225447101	CREE, INC.	1,859,100	79,523,002
	24703L202	DELL TECHNOLOGIES, INC. - CLASS C	96,727	4,727,045
	23355L106	DXC TECHNOLOGY CO.	297,808	15,834,451
	28849P100	ELLIE MAE, INC.	658,595	41,379,524
	Y2573F102	FLEX LTD.	13,809,629	105,091,277
	346375108	FORMFACTOR, INC.	524,718	7,393,277
	42824C109	HEWLETT PACKARD ENTERPRISE CO.	7,964,700	105,213,687
	40434L105	HP, INC.	3,919,700	80,197,062
	458140100	INTEL CORP.	1,735,000	81,423,550
	461202103	INTUIT, INC.	100,000	19,685,000
	466313103	JABIL CIRCUIT, INC.	950,000	23,550,500
	49338L103	KEYSIGHT TECHNOLOGIES, INC.	446,350	27,709,408
	482480100	KLA-TENCOR CORP.	698,300	62,490,867
	294821608	L.M. ERICSSON TELEPHONE CO. - ADR	8,154,600	72,331,302
	57776J100	MAXLINEAR, INC. - CLASS A	634,300	11,163,680
	594837304	MICRO FOCUS INTERNATIONAL PLC - ADR	1,632,934	28,102,794
	595112103	MICRON TECHNOLOGY, INC.	6,415,000	203,547,950
	594918104	MICROSOFT CORP.	2,165,500	219,949,835
	64110D104	NETAPP, INC.	3,398,811	202,807,052
	67020Y100	NUANCE COMMUNICATIONS, INC.	1,719,000	22,742,370
	67066G104	NVIDIA CORP.	507,700	67,777,950
	715347100	PERSPECTA, INC.	30,500	525,210
	747525103	QUALCOMM, INC.	2,387,800	135,889,698
	848637104	SPLUNK, INC.	2,377,000	249,228,450
	M85548101	STRATASYS LTD.	4,914,300	88,506,543
	880770102	TERADYNE, INC.	80,000	2,510,400
	882508104	TEXAS INSTRUMENTS, INC.	1,621,395	153,221,828
	896239100	TRIMBLE, INC.	1,093,600	35,990,376
	91347P105	UNIVERSAL DISPLAY CORP.	1,350,000	126,319,500
	92826C839	VISA, INC. - CLASS A	610,000	80,483,400
	928563402	VMWARE, INC. - CLASS A	300,000	41,139,000
	958102105	WESTERN DIGITAL CORP.	24,900	920,553
				<u>2,937,365,975</u>

Industrials - 15.0%			
00766T100	AECOM	5,307,222	140,641,383
NL0000235190	AIRBUS GROUP SE - EUR	737,700	70,964,713
02376R102	AMERICAN AIRLINES GROUP, INC.	7,438,601	238,853,478
149123101	CATERPILLAR, INC.	460,000	58,452,200
17273K109	CIRCOR INTERNATIONAL, INC.	145,000	3,088,500
231561101	CURTISS-WRIGHT CORP.	335,100	34,220,412
247361702	DELTA AIR LINES, INC.	2,150,000	107,285,000
31428X106	FEDEX CORP.	200,000	32,266,000
369550108	GENERAL DYNAMICS CORP.	236,900	37,243,049
45167R104	IDEX CORP.	122,500	15,466,850
469814107	JACOBS ENGINEERING GROUP, INC.	1,451,794	84,871,877
477143101	JETBLUE AIRWAYS CORP.	3,827,550	61,470,453
DE0007236101	SIEMENS AG - EUR	1,892,163	211,114,739
844741108	SOUTHWEST AIRLINES CO.	4,935,800	229,415,984
883203101	TEXTRON, INC.	669,000	30,767,310
910047109	UNITED CONTINENTAL HOLDINGS, INC.	5,054,200	423,188,166
911312106	UNITED PARCEL SERVICE, INC. - CLASS B	20,800	2,028,624
			<u>1,781,338,738</u>
Consumer Discretionary - 12.5%			
01609W102	ALIBABA GROUP HOLDING LTD. - ADR	1,643,000	225,206,010
04351G101	ASCENA RETAIL GROUP, INC.	2,145,000	5,383,950
143130102	CARMAX, INC.	2,026,100	127,097,253
143658300	CARNIVAL CORP.	2,738,946	135,030,038
278642103	EBAY, INC.	299,000	8,392,930
375916103	GILDAN ACTIVEWEAR, INC.	379,500	11,521,620
43300A203	HILTON WORLDWIDE HOLDINGS, INC.	125,000	8,975,000
462726100	IROBOT CORP.	2,720,400	227,806,296
501797104	L BRANDS, INC.	2,099,598	53,896,681
517834107	LAS VEGAS SANDS CORP.	100,000	5,205,000
571903202	MARRIOTT INTERNATIONAL INC. - CLASS A	102,500	11,127,400
577081102	MATTEL, INC.	5,635,200	56,295,648
552953101	MGM RESORTS INTERNATIONAL	1,650,000	40,029,000
G60754101	MICHAEL KORS HOLDINGS LTD.	575,000	21,804,000
G66721104	NORWEGIAN CRUISE LINE HOLDINGS LTD.	1,850,000	78,421,500
778296103	ROSS STORES, INC.	85,000	7,072,000
V7780T103	ROYAL CARIBBEAN CRUISES LTD.	1,702,271	166,465,081
82568P304	SHUTTERFLY, INC.	1,523,027	61,317,067
835699307	SONY CORP. - ADR	3,855,000	186,119,400
88160R101	TESLA, INC.	59,000	19,635,200
886547108	TIFFANY & CO.	29,000	2,334,790
872540109	TJX COS., INC. (The)	252,000	11,274,480
90384S303	ULTA BEAUTY, INC.	43,000	10,528,120
			<u>1,480,938,464</u>
Financials - 8.0%			
060505104	BANK OF AMERICA CORP.	100,000	2,464,000
12503M108	CBOE GLOBAL MARKETS, INC.	380,000	37,175,400
808513105	CHARLES SCHWAB CORP. (THE)	2,326,223	96,608,041
172967424	CITIGROUP, INC.	600,000	31,236,000
12572Q105	CME GROUP, INC.	115,000	21,633,800
254709108	DISCOVER FINANCIAL SERVICES	1,354,100	79,864,818
269246401	E*TRADE FINANCIAL CORP.	5,096,400	223,630,032
46625H100	JPMORGAN CHASE & CO.	1,540,000	150,334,800
571748102	MARSH & MCLENNAN COS., INC.	390,350	31,130,413
665859104	NORTHERN TRUST CORP.	671,800	56,155,762
743315103	PROGRESSIVE CORP. (THE)	163,000	9,833,790
754730109	RAYMOND JAMES FINANCIAL, INC.	416,000	30,954,560
949746101	WELLS FARGO & CO.	3,940,000	181,555,200
			<u>952,576,616</u>
Communication Services - 3.0%			
02079K305	ALPHABET, INC. - CLASS A	141,067	147,409,373
02079K107	ALPHABET, INC. - CLASS C	105,330	109,080,801
124857202	CBS CORP. - CLASS B	225,000	9,837,000
20564W105	COMSCORE, INC.	1,815,000	26,190,450
285512109	ELECTRONIC ARTS, INC.	225,000	17,754,750
293639100	ENTERCOM COMMUNICATIONS CORP. - CLASS A	725,000	4,139,750
45245E109	IMAX CORP.	2,195,200	41,291,712
			<u>355,703,836</u>
Energy - 1.3%			
127097103	CABOT OIL & GAS CORP.	695,000	15,533,250
26875P101	EOG RESOURCES, INC.	15,000	1,308,150
42809H107	HESS CORP.	925,621	37,487,650
723787107	PIONEER NATURAL RESOURCES CO.	300,000	39,456,000
845467109	SOUTHWESTERN ENERGY CO.	3,000,000	10,230,000
H8817H100	TRANSOCEAN LTD.	6,556,704	45,503,526
			<u>149,518,576</u>
Materials - 0.5%			
012653101	ALBEMARLE CORP.	568,600	43,822,002
G5494J103	LINDE PLC	100,000	15,604,000
			<u>59,426,002</u>
Consumer Staples - 0.1%			
02209S103	ALTRIA GROUP, INC.	200,000	9,878,000
Total Common Stocks - 96.3%			
		\$	<u>11,416,061,049</u>
Closed-End Funds			
Information Technology - 0.3%			
021346101	ALTABA, INC.	578,000	33,489,320
Total Closed-End Funds - 0.3%			
			<u>33,489,320</u>
Short-Term Investments - 3.4%			
261941108	DREYFUS TREASURY SECURITIES CASH MANAGEMENT FUND	400,828,952	400,828,952
Total Portfolio - 100%			
		\$	<u>11,850,379,321</u>
ADR	American Depository Receipt		
CHF	Swiss Francs		
EUR	Euros		
HKD	Hong Kong Dollars		