### ROYCE MICRO-CAP TRUST, INC /MD/

Form N-Q November 17, 2011 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-Q QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act File Number: 811-08030

Name of Fund: Royce Micro-Cap Trust, Inc.

Fund Address: 745 Fifth Avenue

New York, NY 10151

Name and address of agent for service: John E. Denneen, Esq. Royce & Associates, LLC 745 Fifth Avenue New York, NY 10151

Registrant s telephone number, including area code: (212) 508-4500

Date of fiscal year end: 12/31/2011 Date of reporting period: 9/30/2011

Item 1 - Schedule of Investments

SCHEDULE OF INVESTMENTS ROYCE MICRO-CAP TRUST SEPTEMBER 30, 2011 (UNAUDITED)

	SHARES	VALUE
COMMON STOCKS 109.6%		
Consumer Discretionary 12.6% Auto Components - 1.7%		
China XD Plastics 1,2	21,500	\$ 96,965
Drew Industries Norstar Founders Group <sup>2,3</sup>	134,700 771,500	2,691,306 36,161
SORL Auto Parts 1,2	37,413	121,966
Williams Controls	107,000	1,173,790
		4,120,188
Distributors - 0.4%		
Weyco Group	48,000	1,070,400
Diversified Consumer Services - 0.3% ChinaCast Education <sup>2</sup>	131,100	483,759
Lincoln Educational Services	28,400	229,756
Spectrum Group International 2.4	6,925	19,944
		733,459
Hotels, Restaurants & Leisure - 0.2%	04.400	551.001
Benihana Cl. A <sup>2</sup>	64,100	551,901
Household Durables - 2.6%	0.004	100 454
Cavco Industries <sup>2</sup> CSS Industries	3,091 20,243	106,454 337,653
Ethan Allen Interiors	81,600	1,110,576
Flexsteel Industries	172,500	2,584,050
Koss Corporation	73,400	431,592
Natuzzi ADR <sup>2</sup> Universal Electronics <sup>2</sup>	409,800 47,100	1,163,832 771,969
		6,506,126
Internet & Catalog Retail - 1.2%		
Geeknet <sup>2</sup>	93,500	1,890,570
NutriSystem US Auto Parts Network <sup>2</sup>	21,800 140,900	263,998 714,363
		2,868,931
Leigure Equipment & Producte 10 20/		-
Leisure Equipment & Products - 0.3% Leapfrog Enterprises Cl. A <sup>2</sup>	142,400	479,888
Sturm, Ruger & Co.	12,800	332,544
		812,432
Media - 0.4%		
Global Sources 2	23,411	158,492

Rentrak Corporation <sup>2</sup> / <sub>2</sub> Value Line	45,000 32,487	566,550 373,276
		1,098,318
Specialty Retail - 4.0%  America s Car-Marge Charming Shoppes 2 Dickson Concepts (International)  Le Chateau Cl. A  Lewis Group Shoe Carnival 2 Stein Mart Systemax 2 West Marine 2 Wet Seal (The) Cl. A 2	92,800 947,400 382,000 52,500 57,000 12,752 178,900 112,000 86,000 87,579	2,693,056 2,463,240 180,832 190,381 492,558 300,947 1,118,125 1,424,640 662,200 392,354
		9,918,333
Textiles, Apparel & Luxury Goods - 1.5% China Xiniya Fashion ADR <sup>2</sup> G-III Apparel Group <sup>2</sup> J. G. Boswell Company <sup>4</sup> K-Swiss Cl. A <sup>2</sup> Movado Group True Religion Apparel <sup>2</sup>	40,000 20,700 2,490 72,400 77,633 12,200	71,600 473,202 1,680,750 307,700 945,570 328,912
		3,807,734
Total		31,487,822
Consumer Staples 3.5% Beverages - 0.4%		
Heckmann Corporation 1,2	200,000	1,058,000
Food & Staples Retailing - 0.5% Arden Group Cl. A	16,000	1,272,000
Food Products - 2.3% Asian Citrus Holdings Binggrae BW Plantation Farmer Bros.   Griffin Land & Nurseries Origin Agritech   Seneca Foods Cl. A   Seneca Foods Cl. B   Westway Group	1,060,000 9,700 744,900 51,400 55,786 121,488 51,400 42,500 220,000	490,822 385,552 89,260 283,214 1,432,584 283,067 1,017,720 820,250 935,000
Personal Products - 0.3%		
Inter Parfums Schiff Nutrition International CI. A $\frac{2}{}$	26,400 15,915	407,880 176,338
		584,218
Total		8,651,687

Energy 3.8%		
Energy Equipment & Services - 3.0%		
CE Franklin <sup>2</sup>	45,450	368,599
Dawson Geophysical 1,2	53,213	1,254,763
Global Geophysical Services <sup>2</sup>	35,000	278,950
Gulf Island Fabrication	29,116	602,119
Lamprell	202,400	808,969
North American Energy Partners 1,2	50,000	291,000
OYO Geospace <sup>2</sup>	7,130	401,348
Pason Systems	139,200	1,769,390
Pioneer Drilling 2	57,500	412,850
SinoTech Energy ADR 1,2,3	127,000	149,860
Tesco Corporation <sup>2</sup>	50,000	580,000
Willbros Group 2	131,100	546,687
Williams Group _	101,100	<del></del>
		7 404 505
		7,464,535
Oil, Gas & Consumable Fuels - 0.8%		
Approach Resources 1,2	12,000	203,880
Credo Petroleum 1,2	98,000	816,340
Sprott Resource 2	104,400	398,512
Uranerz Energy 1,2	29,000	39,730
VAALCO Energy <sup>2</sup>	109,100	530,226
		1,988,688
		1,500,000
Total		0.450.000
Total		9,453,223
Financials 21.0%		
Capital Markets - 8.5%		
ASA Gold and Precious Metals	30,000	809,700
BKF Capital Group <sup>2,4</sup>	130,200	169,260
Cohen & Steers	27,900	802,125
Cowen Group Cl. A 2	417,834	1,132,330
Diamond Hill Investment Group	34,479	2,392,498
Duff & Phelps Cl. A	50,000	533,000
Edelman Financial Group (The)	209,000	1,350,140
Epoch Holding Corporation	196,500	2,666,505
FBR & Co. <u>2</u>	541,600	1,289,008
Fiera Sceptre	78,000	471,915
INTL FCStone <sup>1,2</sup>	24,910	517,132
JZ Capital Partners	353,999	1,864,636
MVC Capital	141,200	1,478,364
NGP Capital Resources	159,225	1,041,332
Queen City Investments 4	948	929,040
U.S. Global Investors Cl. A	91,500	620,370
Urbana Corporation 2	237,600	222,204
Virtus Investment Partners <sup>2</sup>	45,000	2,412,900
Westwood Holdings Group	8,800	304,040
		21,006,499
Commercial Banks - 2.6%		
BCB Holdings <sup>2</sup>	806,207	660,030
Chemung Financial	40,000	919,600
Commercial National Financial	20,000	409,800
Fauquier Bankshares	135,800	1,572,564
Financial Institutions	36,000	513,360
	,	,

First Bancorp LCNB Corporation Orrstown Financial Services Peapack-Gladstone Financial	40,200 29,324 18,500 124,000	506,118 388,543 237,725 1,249,920
		6,457,660
Diversified Financial Services - 0.9% Banca Finnat Euramerica Bolsa Mexicana de Valores GAIN Capital Holdings 1,2 PICO Holdings 2	1,310,000 300,000 25,000 45,700	630,152 414,249 157,250 937,307
		2,138,958
Insurance - 2.4% Hilltop Holdings <sup>2</sup> Independence Holding Presidential Life SeaBright Holdings United Fire & Casualty	101,400 95,800 233,100 181,000 78,500	731,094 694,550 1,916,082 1,303,200 1,388,665
		6,033,591
Real Estate Investment Trusts (REITs) - 1.7% BRT Realty Trust <sup>2</sup> Colony Financial PennyMac Mortgage Investment Trust Vestin Realty Mortgage II <sup>2</sup>	155,099 139,717 80,000 214,230	964,716 1,805,143 1,272,000 263,503 4,305,362
Real Estate Management & Development - 4.0% Consolidated-Tomoka Land Forestar Group <sup>2</sup> IFM Investments ADR <sup>2</sup> Kennedy-Wilson Holdings Tejon Ranch <sup>2</sup> ZipRealty <sup>2</sup>	62,750 141,000 33,185 465,358 73,162 25,000	1,647,815 1,538,310 38,163 4,932,795 1,746,377 36,250
Thrifts & Mortgage Finance - 0.9% Alliance Bancorp, Inc. of Pennsylvania Bofl Holding 1.2 CFS Bancorp HopFed Bancorp	41,344 88,362 75,000 57,222	437,420 1,189,352 325,500 327,882
		2,280,154
Total		52,161,934
Health Care 7.6% Biotechnology - 0.5% Acadia Pharmaceuticals 1,2 3SBio ADR 2 Vical 1,2	498,000 37,280 120,000	537,840 444,750 297,600

		1,280,190
Health Care Equipment & Supplies - 4.4% Allied Healthcare Products <sup>2</sup> Atrion Corporation CryoLife <sup>2</sup> DynaVox Cl. A <sup>2</sup> Exactech <sup>2</sup> Hansen Medical <sup>1,2</sup> Kensey Nash <sup>1,2</sup> Medical Action Industries <sup>2</sup> STRATEC Biomedical Syneron Medical <sup>2</sup> Theragenics Corporation <sup>2</sup> Utah Medical Products Young Innovations	226,798 6,579 50,573 20,000 132,100 87,000 42,078 125,250 14,000 69,200 336,900 42,300 61,450	882,244 1,364,419 227,073 72,000 1,859,968 288,840 1,030,911 632,512 547,536 685,772 444,708 1,114,605 1,751,325
Health Care Providers & Services - 0.7%  Gentiva Health Services <sup>2</sup> LHC Group <sup>2</sup> PDI <sup>1,2</sup> PharMerica Corporation <sup>2</sup> Psychemedics Corporation U.S. Physical Therapy	23,000 14,800 65,383 40,000 37,500 10,000	126,960 252,488 438,066 570,800 267,375 185,200
Health Care Technology - 0.3% Transcend Services <sup>2</sup>	30,700	691,978
Life Sciences Tools & Services - 0.9% EPS Furiex Pharmaceuticals <sup>2</sup> PAREXEL International <sup>2</sup>	560 23,758 28,800	1,273,352 338,077 545,184 2,156,613
Pharmaceuticals - 0.8% Adolor Corporation <sup>2</sup> Bukwang Pharmaceutical Daewoong Pharmaceutical Hi-Tech Pharmacal <sup>2</sup> XenoPort <sup>1,2</sup>	166,300 24,700 11,904 11,700 122,000	286,036 317,116 319,807 393,120 719,800 2,035,879
Total		18,907,462
Industrials 26.0%  Aerospace & Defense - 2.2%  Astronics Corporation <sup>2</sup> Astronics Corporation CI. B <sup>2</sup> CPI Aerostructures <sup>1,2</sup> Ducommun  HEICO Corporation  Innovative Solutions and Support <sup>2</sup> SIFCO Industries	9,117 912 29,900 72,100 52,500 100,000 45,800	257,555 25,118 284,349 1,080,058 2,585,100 483,000 839,972

		5,555,152
Air Freight & Logistics - 0.6%		
Forward Air	50,700	1,290,315
Pacer International <sup>2</sup>	35,000	131,250
		1,421,565
Building Products - 3.3%		
AAON	109,500	1,724,625
American Woodmark	72,000 57,000	871,920
Apogee Enterprises Burnham Holdings Cl. A <u>4</u>	57,900 118,800	497,361 1,651,320
Griffon Corporation 2	89,500	732,110
NCI Building Systems <sup>2</sup>	8,400	63,504
Sung Kwang Bend	28,000	352,194
Trex Company 1,2	90,000	1,442,700
WaterFurnace Renewable Energy	48,400	855,394
		8,191,128
Commercial Services & Supplies - 2.9%		
CompX International Cl. A	107,500	1,365,250
Courier Corporation	30,450	199,143
Heritage-Crystal Clean <sup>2</sup>	113,301	2,057,546
Interface Cl. A	27,000	320,220
Team <sup>2</sup> US Ecology	93,240 82,000	1,956,175 1,268,540
03 Ecology	82,000	1,200,540
		7,166,874
Construction & Engineering - 1.1%		
Comfort Systems USA	27,096	225,439
Integrated Electrical Services <sup>2</sup> MYR Group <sup>2</sup>	682,700 38,500	1,413,189
Pike Electric <sup>2</sup>	28,500 89,200	502,740 603,884
Time Lioudio _	00,200	
		2,745,252
Electrical Equipment - 2.5%		
AZZ	16,147	626,019
Deswell Industries	564,371	1,410,927
Encore Wire	15,000	308,700
Fushi Copperweld <sup>2</sup> Jinpan International	89,563 119,746	443,337 950,783
LSI Industries	79,812	497,229
Powell Industries <sup>2</sup>	42,700	1,322,419
Preformed Line Products	16,000	732,800
		6,292,214
Industrial Conglomerates - 1.1%		
Raven Industries	58,400	2,814,880
Machinery - 6.3%		
Armstrong Industrial	2,166,800	375,854
Cascade Corporation	8,600	287,154

CIRCOR International Columbus McKinnon <sup>2</sup> Eastern Company (The) FAG Bearings India Force Protection <sup>2</sup> Foster (L.B.) Company Cl. A FreightCar America <sup>1,2</sup> Graham Corporation Hurco Companies <sup>2</sup> NN <sup>2</sup> PMFG <sup>2</sup> Semperit AG Holding Sun Hydraulics Tennant Company	14,000 26,950 39,750 23,700 136,900 66,200 42,900 45,800 53,866 114,300 143,800 12,500 88,387 92,300	411,180 295,372 725,438 565,603 527,065 1,471,626 618,189 762,112 1,093,480 577,215 2,267,726 496,780 1,801,327 3,264,651
Professional Services - 3.2%  Acacia Research-Acacia Technologies <sup>2</sup> Advisory Board (The) <sup>2</sup> CBIZ <sup>2</sup> Exponent <sup>2</sup> GP Strategies <sup>2</sup> Heidrick & Struggles International JobStreet Corporation Kforce <sup>2</sup> On Assignment <sup>2</sup>	23,500 41,400 47,000 58,400 41,385 20,000 50,000 60,000 41,100	845,765 2,671,542 309,730 2,413,672 413,436 329,000 36,756 588,600 290,577
Road & Rail - 1.7% Frozen Food Express Industries <sup>2</sup> Patriot Transportation Holding <sup>2</sup> Universal Truckload Services	157,000 111,681 134,200	312,430 2,257,073 1,744,600 4,314,103
Trading Companies & Distributors - 0.7% Aceto Corporation Houston Wire & Cable Lawson Products	72,219 67,375 50,269	382,038 774,139 679,637 1,835,814
Transportation Infrastructure - 0.4% Touax Total	36,814	1,083,691
Information Technology 21.2% Communications Equipment - 0.8% Bel Fuse Cl. A Cogo Group 1.2 PC-Tel 2 Zhone Technologies 2	67,705 93,735 44,100 391,236	1,132,705 199,655 271,215 465,571 2,069,146

Transport   Tran	0 1 0 0 1 1 1 100/		
Intervac 2	Computers & Peripherals - 1.3%	112 212	821 001
Rimage Corporation   79,200   1,011,880			
Super Micro Computer 2			
TransAct Technologies 2   78,600   644,520   3,222,594			
Part			
Agilysys 2         90,000         641,700           Diploma         50,000         247,869           Domino Printing Sciences         80,000         574,305           Frequency Electronics 2         26,300         224,339           Han Microelectronics         500,000         268,317           Hollysys Automation Technologies 2         255,000         1,489,200           Inform Holding         5,200         758,422           Mercury Computer Systems 2         32,100         369,150           Mesa Laboratories         48,267         1,797,463           Multi-Fineline Electronik 12         35,100         699,884           Newport Corporation 2         80,900         874,529           Park Electrochemical         15,400         329,098           Pulse Electronics         150,000         329,098           Pulse Electronics         250,900         3,414,749           Rogers Corporation 2         30,150         113,967           Richardson Electronics         50,000         305,000           Rogers Corporation 3         58,400         2,285,192           TIM Technologies 2         50,000         305,000           OryptoLogic 2         88,300         98,896           Marchex			3,222,594
Agilysys 2         90,000         641,700           Diploma         50,000         247,869           Domino Printing Sciences         80,000         574,305           Frequency Electronics 2         26,300         224,339           Han Microelectronics         500,000         268,317           Hollysys Automation Technologies 2         255,000         1,489,200           Inform Holding         5,200         758,422           Mercury Computer Systems 2         32,100         369,150           Mesa Laboratories         48,267         1,797,463           Multi-Fineline Electronik 12         35,100         699,884           Newport Corporation 2         80,900         874,529           Park Electrochemical         15,400         329,098           Pulse Electronics         150,000         329,098           Pulse Electronics         250,900         3,414,749           Rogers Corporation 2         30,150         113,967           Richardson Electronics         50,000         305,000           Rogers Corporation 3         58,400         2,285,192           TIM Technologies 2         50,000         305,000           OryptoLogic 2         88,300         98,896           Marchex	Flectronic Equipment Instruments & Components - 6.3%		
Diploma         50,000         247,869           Domino Printing Sciences         80,000         574,305           Frequency Electronics 2         26,300         224,339           Hana Microelectronics         500,000         268,317           Hollysys Automation Technologies 2         255,000         1,489,200           Infloor Holding         5,200         758,422           Mercury Computer Systems 2         32,100         369,150           Mesa Laboratories         48,267         1,797,463           Mutli-Fineline Electronics 12         35,100         699,894           Park Electrochemical         15,400         22,900           Pulse Electronics         150,000         429,000           Research Frontiers 12         30,150         113,967           Richardson Electronics         250,900         3,414,749           Rogers Corporation 2         58,400         2,285,192           TITM Technologies 2         114,400         1,087,944           Internet Software & Services - 1.3%         83,300         98,896           Marchex Cl. B         95,000         305,000           CryptoLogic 12         88,300         98,896           Marchex Cl. B         95,000         305,000 <tr< td=""><td></td><td>90.000</td><td>641.700</td></tr<>		90.000	641.700
Frequency Electronics   2			
Hana Microelectronics   500,000   288,317   Hollysys Automation Technologies 2   255,000   1,489,200   1,616   1,600   1,690   1,600   1,690   1,690   1,690   1,690   1,690   1,690   1,690   1,600   1,690   1,690   1,690   1,690   1,690   1,690   1,690   1,600   1,690   1,600   1,690   1,690   1,60	·		574,305
Hollysys Automation Technologies 2   255,000   1,489,200   1,758,422   Mercury Computer Systems 2   32,100   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,150   389,160   389,894   389,000   374,529   294,600   374,529   294,600   374,529   294,600   374,529   294,600   374,529   294,600   374,529   294,600   374,529   294,600   374,629   294,600   374,629   294,600   374,629   394,600   374,629   394,600   374,600   394,900   374,600   394,900   374,600   394,900   374,600   394,900   374,600   394,9	Frequency Electronics 2	26,300	224,339
Inficion Holding         5,200         758,422           Mercury Computer Systems 2         32,100         369,150           Mesa Laboratories         48,267         1,797,463           Multi-Fineline Electronix 12         35,100         699,894           Meyport Corporation 2         80,900         874,529           Park Electrochemical         15,400         329,098           Pulse Electronics         150,000         429,000           Research Frontiers 12         30,150         113,967           Richardson Electronicis         250,900         3,414,749           Rogers Corporation 2         58,400         2,285,192           TTM Technologies 2         114,400         1,087,944           Internet Software & Services - 1.3%         15,605,138           Internet Software & Services - 1.3%         88,300         98,896           Marchex Cl. B         95,000         807,500           Marchex Cl. B         95,000         807,500           Marchex Cl. B         93,300         782,100           WebMediaBrands 2         525,000         336,000           WebMediaBrands 2         72,920         218,031           IT Services - 4.8%         2         15,000         465,750	Hana Microelectronics		
Mercury Computer Systems ½         32,100         369,150           Mesa Laboratories         48,267         1,797,463           Multi-Fineline Electronix ½²         35,100         699,898           Newport Corporation ²         80,900         874,529           Park Electrochemical         15,400         329,998           Pulse Electronics         150,000         429,000           Research Frontiers ½²         30,150         113,967           Richardson Electronics         250,900         3,414,749           Research Frontiers ½²         58,400         2,285,192           TTM Technologies ²         58,400         2,285,192           TTM Technologies ²         50,000         305,000           CryptoLogie ½²         88,300         98,896           Marchex Cl. B         95,000         307,500           BeallNetworks         93,375         787,151           Support.com ²         395,000         782,100           WebMediaBrands ²         72,920         218,031           TT Services - 4.8%         2         2           Camelot Information Systems ADS ½²         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task C			
Mesa Laboratories         48,267         1,797,463           Multi-Fineline Electronix ½²         35,100         699,894           Newport Corporation²         80,900         874,529           Park Electrochemical         15,400         329,998           Pulse Electronics         150,000         429,000           Research Frontiers ½²         30,150         113,967           Richardson Electronics         250,900         3,414,749           Rogers Corporation²         58,400         2,285,192           TTM Technologies²         50,000         305,000           TIM Technologies²         50,000         305,000           CryptoLogic ½²         88,300         98,896           Marchex CL B         95,000         807,500           RealNetworks         93,375         787,151           Support.com²         395,000         782,100           WebMediaBrands²         72,920         218,031           TT Services - 4.8%         2         2           Camelot Information Systems ADS ½²         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group²         161,100         1,799,487           Forrester Research			
Multi-Fineline Electronix 1.2         35,100         699,894           Newport Corporation 2         80,900         874,529           Park Electrochemical         15,400         329,098           Pulse Electronics         150,000         429,000           Research Frontiers 1.2         30,150         113,967           Richardson Electronics         250,900         3,414,749           Rogers Corporation 2         58,400         2,285,192           TIM Technologies 2         111,400         1,087,944           Internet Software & Services - 1.3%           Internet Software & Services - 1.3%           Bitauto Holdings ADR 2         50,000         305,000           CryptoLogic 1.2         88,300         98,896           Marchex Cl. B         95,000         807,500           RealNetworks         93,375         787,151           Support.com 2         395,000         782,100           WebMediaBrands 2         525,000         336,000           World Energy Solutions 1.2         71,500         191,820           Cass Information Systems ADS 1.2         71,500         191,820           Cass Information Systems 4         15,000         465,750           Computer Task Group 2			
Newport Corporation 2			
Park Electrochemical         15,400         329,98           Pulse Electronics         150,000         429,000           Research Frontiers ½         30,150         113,967           Richardson Electronics         250,900         3,414,749           Rogers Corporation ½         58,400         2,285,192           TTM Technologies ½         114,400         1,087,944           Internet Software & Services - 1.3%           Bitauto Holdings ADR ½         50,000         305,000           CryptoLogic ½         88,300         98,896           Marchex Cl. B         95,000         807,500           BealNetworks         93,375         787,151           Support.com ½         395,000         782,100           WebMediaBrands ½         525,000         336,000           World Energy Solutions ½         72,920         218,031           IT Services - 4.8%           Camelot Information Systems ADS ½         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group ½         161,100         1,799,487           Forrester Research         54,900         1,784,799           IGATE Corporation ½         81,200         937,048 </td <td></td> <td></td> <td></td>			
Pulse Electronics	· · · · · · -	•	
Research Frontiers \( \frac{1}{2} \) 30,150  113,967     Richardson Electronics  250,900  3,414,749     Rogers Corporation \( \frac{2}{2} \) 58,400  2,285,192     TTM Technologies \( \frac{2}{2} \) 114,400  1,087,944     Internet Software & Services - 1.3%     Internet Software & Services - 1.3%     Bitauto Holdings ADR \( \frac{2}{2} \) 50,000  305,000     CryptoLogic \( \frac{1}{2} \) 88,300  98,896     Marchex Cl. B  95,000  807,500     RealNetworks  93,375  787,1515     Support.com \( \frac{2}{2} \) 395,000  336,000     WebMediaBrands \( \frac{2}{2} \) 395,000  336,000     World Energy Solutions \( \frac{1}{2} \) 72,920  218,031     IT Services - 4.8%     IT Services - 4.8%     Camelot Information Systems ADS \( \frac{1}{2} \) 71,500  191,620     Cass Information Systems 15,000  465,750     Cass Information Systems 15,000  47,790     IGATE Corporation \( \frac{1}{2} \) 81,200  937,048     Innodata Isogen \( \frac{2}{2} \) 340,000  1,284,600     Yucheng Technologies \( \frac{1}{2} \) 340,000  1,284,600     Yucheng Technologies \( \frac{2}{2} \) 340,000  1,861,704     Anteck Systems \( \frac{1}{2} \) 340,000  1,861,704     Anteck Systems \( \frac{1}{2} \) 340,000  1,861,704     Anteck Systems \( \frac{1}{2} \) 340,000  1,861,704			
Richardson Electronics   250,900   3,414,749   Rogers Corporation 2   58,400   2,228,192   114,400   1,087,944   15,605,138   114,400   1,087,944   15,605,138   114,400   15,605,138   114,400   15,605,138   114,400   15,605,138   114,400   15,605,138   114,400   15,605,138			,
Rogers Corporation 2   58,400   2,285,192   TTM Technologies 2   114,400   1,087,944   15,605,138   15,605,	==		
TTM Technologies 2			
Internet Software & Services - 1.3%   Sitauto Holdings ADR \( \frac{2}{2} \)   S0,000   305,000   305,000   CryptoLogic \( \frac{1}{2} \)   88,300   98,896   Marchex Cl. B   95,000   807,500   RealNetworks   93,375   787,151   Support.com \( \frac{2}{2} \)   395,000   782,1100   WebMediaBrands \( \frac{2}{2} \)   525,000   336,000   World Energy Solutions \( \frac{1}{2} \)   72,920   218,031     T Services - 4.8%   Support.com \( \frac{2}{2} \)   71,500   191,620   Cass Information Systems ADS \( \frac{1}{2} \)   71,500   161,100   1,799,487   Forrester Research   54,900   1,784,799   161,100   1,799,487   Forrester Research   54,900   1,784,799   1,744,648   Sapient Corporation \( \frac{1}{2} \)   31,200   937,048   Innodata Isogen \( \frac{2}{2} \)   31,200   937,048   Innodata Isogen \( \frac{2}{2} \)   340,000   1,254,600   Tier Technologies \( \frac{1}{2} \)   340,000   1,254,600   Tier Technologies \( \frac{1}{2} \)   340,000   1,254,600   Tier Technologies \( \frac{1}{2} \)   340,000   1,254,600   Advanced Energy Industries \( \frac{2}{2} \)   46,600   401,692   Alpha & Omega Semiconductor Equipment - 4.0%   Advanced Energy Industries \( \frac{2}{2} \)   202,400   1,661,704   Amtech Systems \( \frac{1}{2} \)   22,700   181,600   Axcelis Technologies \( \frac{2}{2} \)   900,000   1,080			
Bitauto Holdings ADR 2         50,000         305,000           CryptoLogic 1,2         88,300         98,896           Marchex CI. B         95,000         807,500           RealNetworks         93,375         787,151           Support.com 2         395,000         782,100           WebMediaBrands 2         525,000         336,000           World Energy Solutions 1,2         72,920         218,031           IT Services - 4.8%           Camelot Information Systems ADS 1,2         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group 2         161,100         1,799,487           Forrester Research         54,900         1,784,799           IGATE Corporation 1,2         81,200         937,048           Innodata Isogen 2         591,406         1,744,648           Sapient Corporation         350,000         3,549,000           Tier Technologies 1,2         340,000         1,254,600           Yucheng Technologies 2         111,844         317,637           Semiconductors & Semiconductor Equipment - 4.0%           Advanced Energy Industries 2         46,600         401,692           Alpha & Omega Semiconductor 2			15,605,138
Bitauto Holdings ADR 2         50,000         305,000           CryptoLogic 1,2         88,300         98,896           Marchex CI. B         95,000         807,500           RealNetworks         93,375         787,151           Support.com 2         395,000         782,100           WebMediaBrands 2         525,000         336,000           World Energy Solutions 1,2         72,920         218,031           IT Services - 4.8%           Camelot Information Systems ADS 1,2         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group 2         161,100         1,799,487           Forrester Research         54,900         1,784,799           IGATE Corporation 1,2         81,200         937,048           Innodata Isogen 2         591,406         1,744,648           Sapient Corporation         350,000         3,549,000           Tier Technologies 1,2         340,000         1,254,600           Yucheng Technologies 2         111,844         317,637           Semiconductors & Semiconductor Equipment - 4.0%           Advanced Energy Industries 2         46,600         401,692           Alpha & Omega Semiconductor 2	Internet Software & Services - 1 3%		
CryptoLogic 1.2		50 000	305 000
Marchex Cl. B         95,000         807,500           RealNetworks         393,375         787,151           Support.com ²         395,000         782,100           WebMediaBrands ²         525,000         336,000           World Energy Solutions ¹.²         72,920         218,031           IT Services - 4.8%           Camelot Information Systems ADS ¹.²         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group ²         161,100         1,784,799           IGATE Corporation ¹.²         81,200         937,048           Innodata Isogen ²         591,406         1,744,648           Sapient Corporation         350,000         3,549,000           Tier Technologies ¹.²         340,000         1,254,600           Yucheng Technologies ².         111,844         317,637           Semiconductors & Semiconductor Equipment - 4.0%           Advanced Energy Industries ²         46,600         401,692           Alpha & Omega Semiconductor ²         202,400         1,661,704           Amtech Systems ¹.²         22,700         181,600           Axcelis Technologies ²         900,000         1,080,000			
RealNetworks			
WebMediaBrands 2         525,000         336,000           World Energy Solutions 1.2         72,920         218,031           IT Services - 4.8%           Camelot Information Systems ADS 1.2         71,500         191,620           Cass Information Systems         15,000         465,750           Computer Task Group 2         161,100         1,799,487           Forrester Research         54,900         1,784,799           IGATE Corporation 1.2         81,200         937,048           Innodata Isogen 2         591,406         1,744,648           Sapient Corporation         350,000         3,549,000           Tier Technologies 1.2         340,000         1,254,600           Yucheng Technologies 2         111,844         317,637           Semiconductors & Semiconductor Equipment - 4.0%           Advanced Energy Industries 2         46,600         401,692           Alpha & Omega Semiconductor 2         202,400         1,661,704           Amtech Systems 1.2         22,700         181,600           Axcelis Technologies 2         900,000         1,080,000			
World Energy Solutions ½       218,031         IT Services - 4.8%         Camelot Information Systems ADS ½       71,500       191,620         Cass Information Systems       15,000       465,750         Computer Task Group ½       161,100       1,799,487         Forrester Research       54,900       1,784,799         iGATE Corporation ½       81,200       937,048         Innodata Isogen ½       591,406       1,744,648         Sapient Corporation       350,000       3,549,000         Tier Technologies ½       340,000       1,254,600         Yucheng Technologies ½       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries ½       46,600       401,692         Alpha & Omega Semiconductor ½       202,400       1,661,704         Amtech Systems ½       22,700       181,600         Axcelis Technologies ½       900,000       1,080,000	Support.com 2	395,000	782,100
T Services - 4.8%	WebMediaBrands 2	525,000	336,000
IT Services - 4.8%   Camelot Information Systems ADS \( \frac{1}{2} \)   71,500   191,620   Cass Information Systems   15,000   465,750   Computer Task Group \( \frac{2}{2} \)   161,100   1,799,487   Forrester Research   54,900   1,784,799   iGATE Corporation \( \frac{1}{2} \)   81,200   937,048   Innodata Isogen \( \frac{2}{2} \)   591,406   1,744,648   Sapient Corporation   350,000   3,549,000   Tier Technologies \( \frac{1}{2} \)   340,000   1,254,600   Yucheng Technologies \( \frac{2}{2} \)   111,844   317,637      Semiconductors & Semiconductor Equipment - 4.0%   Advanced Energy Industries \( \frac{2}{2} \)   46,600   401,692   Alpha & Omega Semiconductor \( \frac{2}{2} \)   202,400   1,661,704   Amtech Systems \( \frac{1}{2} \)   22,700   181,600   Axcelis Technologies \( \frac{2}{2} \)   900,000   1,080,0000	World Energy Solutions 1,2	72,920	218,031
Camelot Information Systems ADS 1.2       71,500       191,620         Cass Information Systems       15,000       465,750         Computer Task Group 2       161,100       1,799,487         Forrester Research       54,900       1,784,799         iGATE Corporation 1.2       81,200       937,048         Innodata Isogen 2       591,406       1,744,648         Sapient Corporation       350,000       3,549,000         Tier Technologies 1.2       340,000       1,254,600         Yucheng Technologies 2       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries 2       46,600       401,692         Alpha & Omega Semiconductor 2       202,400       1,661,704         Amtech Systems 1.2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000			3,334,678
Cass Information Systems       15,000       465,750         Computer Task Group 2       161,100       1,799,487         Forrester Research       54,900       1,784,799         iGATE Corporation 1.2       81,200       937,048         Innodata Isogen 2       591,406       1,744,648         Sapient Corporation       350,000       3,549,000         Tier Technologies 1.2       340,000       1,254,600         Yucheng Technologies 2       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries 2       46,600       401,692         Alpha & Omega Semiconductor 2       202,400       1,661,704         Amtech Systems 1.2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000	IT Services - 4.8%		
Computer Task Group 2       161,100       1,799,487         Forrester Research       54,900       1,784,799         iGATE Corporation 1.2       81,200       937,048         Innodata Isogen 2       591,406       1,744,648         Sapient Corporation       350,000       3,549,000         Tier Technologies 1.2       340,000       1,254,600         Yucheng Technologies 2       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries 2       46,600       401,692         Alpha & Omega Semiconductor 2       202,400       1,661,704         Amtech Systems 1.2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000			191,620
Forrester Research iGATE Corporation 1.2 81,200 937,048 Innodata Isogen 2 591,406 1,744,648 Sapient Corporation 350,000 3,549,000 Tier Technologies 1.2 340,000 1,254,600 Yucheng Technologies 2 111,844 317,637		•	465,750
iGATE Corporation 1.2 Innodata Isogen 2 Innodata Isogen 2 Sapient Corporation       591,406 1,744,648         Sapient Corporation       350,000 3,549,000         Tier Technologies 1.2 Yucheng Technologies 2 Interpretation       340,000 1,254,600         Yucheng Technologies 2 Interpretation       111,844 Interpretation         Semiconductors & Semiconductor Equipment - 4.0%       46,600 401,692         Advanced Energy Industries 2 Alpha & Omega Semiconductor 2 202,400 1,661,704       202,400 1,661,704         Amtech Systems 1.2 Axcelis Technologies 2 900,000 1,080,000       900,000 1,080,000			
Innodata Isogen 2       591,406       1,744,648         Sapient Corporation       350,000       3,549,000         Tier Technologies 1.2       340,000       1,254,600         Yucheng Technologies 2       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries 2       46,600       401,692         Alpha & Omega Semiconductor 2       202,400       1,661,704         Amtech Systems 1.2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000			
Sapient Corporation       350,000       3,549,000         Tier Technologies ½       340,000       1,254,600         Yucheng Technologies ½       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries ½       46,600       401,692         Alpha & Omega Semiconductor ½       202,400       1,661,704         Amtech Systems ½       22,700       181,600         Axcelis Technologies ½       900,000       1,080,000		•	
Tier Technologies 1.2       340,000       1,254,600         Yucheng Technologies 2       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries 2       46,600       401,692         Alpha & Omega Semiconductor 2       202,400       1,661,704         Amtech Systems 1.2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000			
Yucheng Technologies ½       111,844       317,637         Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries ½       46,600       401,692         Alpha & Omega Semiconductor ½       202,400       1,661,704         Amtech Systems ½²       22,700       181,600         Axcelis Technologies ½       900,000       1,080,000			
Semiconductors & Semiconductor Equipment - 4.0%         Advanced Energy Industries ½       46,600       401,692         Alpha & Omega Semiconductor ½       202,400       1,661,704         Amtech Systems ½       22,700       181,600         Axcelis Technologies ½       900,000       1,080,000			
Advanced Energy Industries \( \frac{2}{2} \)       46,600       401,692         Alpha & Omega Semiconductor \( \frac{2}{2} \)       202,400       1,661,704         Amtech Systems \( \frac{1}{2} \)       22,700       181,600         Axcelis Technologies \( \frac{2}{2} \)       900,000       1,080,000			12,044,589
Advanced Energy Industries \( \frac{2}{2} \)       46,600       401,692         Alpha & Omega Semiconductor \( \frac{2}{2} \)       202,400       1,661,704         Amtech Systems \( \frac{1}{2} \)       22,700       181,600         Axcelis Technologies \( \frac{2}{2} \)       900,000       1,080,000	Coming and vectors 0. Coming and vector 5 an		
Alpha & Omega Semiconductor ½       202,400       1,661,704         Amtech Systems ½       22,700       181,600         Axcelis Technologies ½       900,000       1,080,000		46 600	401 600
Amtech Systems 1,2       22,700       181,600         Axcelis Technologies 2       900,000       1,080,000			
Axcelis Technologies 2 900,000 1,080,000			

GSI Technology <sup>2</sup> Himax Technologies ADR Integrated Silicon Solution <sup>2</sup> MoSys <sup>1,2</sup> Photronics <sup>1,2</sup> PLX Technology <sup>2</sup> Rudolph Technologies <sup>2</sup>	85,800 87,768 98,800 360,000 99,900 310,000 58,900	422,136 97,422 771,628 1,317,600 497,502 933,100 394,041
Software - 2.7% ACI Worldwide <sup>2</sup>	69,600	9,856,896
Actuate Corporation 2 American Software Cl. A Convio 2 Fundtech Pegasystems	165,800 63,800 30,300 73,500 49,000	915,216 462,550 254,823 1,696,380 1,499,890
		6,745,643
Total		52,878,684
Materials 9.0% Chemicals - 2.9%		
Balchem Corporation Hawkins Landec Corporation <sup>2</sup> Quaker Chemical Zoltek Companies <sup>2</sup>	63,375 54,697 60,300 66,200 180,000	2,364,521 1,741,553 320,796 1,715,904 1,157,400
		7,300,174
Construction Materials - 0.9% Ash Grove Cement <sup>4</sup> Monarch Cement	8,000 52,303	1,128,000 1,098,363
		2,226,363
Metals & Mining - 4.4%  AuRico Gold <sup>2</sup> Aurizon Mines <sup>1,2</sup> Central Steel & Wire <sup>4</sup> Endeavour Mining <sup>1,2</sup> Endeavour Mining (Warrants) <sup>2</sup> Exeter Resource <sup>1,2</sup> Extorre Gold Mines <sup>2</sup> Haynes International Horsehead Holding Corporation <sup>2</sup> MAG Silver <sup>1,2</sup> Materion Corporation <sup>1,2</sup> Midway Gold <sup>1,2</sup> Minefinders Corporation <sup>1,2</sup> Northgate Minerals <sup>2</sup> RTI International Metals <sup>2</sup> Seabridge Gold <sup>2</sup> Synalloy Corporation <sup>2</sup> Universal Stainless & Alloy Products <sup>1,2</sup> Vista Gold <sup>1,2</sup> Vista Gold <sup>1,2</sup>	74,636 47,000 1,088 652,500 50,000 140,000 140,000 10,100 43,700 74,750 27,000 345,000 36,000 250,000 25,000 16,700 58,200 36,299 50,000	701,578 238,290 688,704 1,245,348 26,243 508,200 826,000 438,845 324,254 586,040 612,360 693,450 501,120 825,000 583,000 375,416 640,200 922,721 167,000

		10,903,769
Paper & Forest Products - 0.8% Pope Resources L.P. Qunxing Paper Holdings 3	42,205 1,500,000	1,694,953 198,397
		1,893,350
Total		22,323,656
Utilities 0.1% Independent Power Producers & Energy Traders - 0.1% China Hydroelectric ADS 2	83,100	172,848
Total		172,848
Miscellaneous 5 4.8% Total		12,063,527
TOTAL COMMON STOCKS (Cost \$257,114,752)		272,961,366
PREFERRED STOCK 0.4% Seneca Foods Conv. 2.4 (Cost \$578,719)	45,409	895,919
REPURCHASE AGREEMENT 14.0% Fixed Income Clearing Corporation, 0.01% dated 9/30/11, due 10/3/11, maturity value \$34,870,029 (collateralized by obligations of various U.S. Government Agencies, 1.75% due 8/22/12, valued at \$35,743,225) (Cost \$34,870,000)		34,870,000
COLLATERAL RECEIVED FOR SECURITIES LOANED 3.7% Money Market Funds Federated Government Obligations Fund		34,670,000
(7 day yield-0.0105%) (Cost \$9,182,346)		9,182,346
TOTAL INVESTMENTS 127.7% (Cost \$301,745,817) LIABILITIES LESS CASH AND OTHER ASSETS (3.6)%		317,909,631 (8,900,599)
PREFERRED STOCK (24.1)%		(60,000,000)
NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS 100.0%		\$ 249,009,032

<sup>&</sup>lt;sup>1</sup> All or a portion of these securities were on loan at September 30, 2011. Total market value of loaned securities at September 30, 2011, was \$8,353,739.

<sup>&</sup>lt;sup>2</sup> Non-income producing.

<sup>&</sup>lt;sup>3</sup> Securities for which market quotations are not readily available represent 0.2% of net assets. These securities have been valued at their fair value under procedures approved by the Fund s Board of Directors. These securities are defined as Level 3 securities due to the use of significant unobservable inputs in the determination of fair value.

<sup>&</sup>lt;sup>4</sup> These securities are defined as Level 2 securities due to fair value being based on quoted prices for similar securities.

<sup>5</sup> Includes securities first acquired in 2011 and less than 1% of net assets applicable to Common Stockholders.

**TAX INFORMATION:** The cost of total investments for Federal income tax purposes was \$302,404,845. At September 30, 2011, net unrealized appreciation for all securities was \$15,504,786, consisting of aggregate gross unrealized appreciation of \$66,309,866 and aggregate gross unrealized depreciation of \$50,805,080. The primary difference between book and tax basis cost is the timing of the recognition of losses on securities sold.

#### Valuation of Investments:

Investment transactions are accounted for on the trade date. Securities are valued as of the close of trading on the New York Stock Exchange (NYSE) (generally 4:00 p.m. Eastern time) on the valuation date. Securities that trade on an exchange, and securities traded on Nasdag s Electronic Bulletin Board, are valued at their last reported sales price or Nasdag official closing price taken from the primary market in which each security trades or, if no sale is reported for such day, at their bid price. Other over-the-counter securities for which market quotations are readily available are valued at their highest bid price, except in the case of some bonds and other fixed income securities which may be valued by reference to other securities with comparable ratings, interest rates and maturities, using established independent pricing services. The Fund values its non-U.S. dollar denominated securities in U.S. dollars daily at the prevailing foreign currency exchange rates as quoted by a major bank. Securities for which market quotations are not readily available are valued at their fair value under procedures approved by the Fund s Board of Directors. In addition, if, between the time trading ends on a particular security and the close of the customary trading session on the NYSE, events occur that are significant and may make the closing price unreliable, the Fund may fair value the security. The Fund uses an independent pricing service to provide fair value estimates for relevant non-U.S. equity securities on days when the U.S. market volatility exceeds a certain threshold. This pricing service uses proprietary correlations it has developed between the movement of prices of non-U.S. equity securities and indices of U.S.-traded securities, futures contracts and other indications to estimate the fair value of relevant non-U.S. securities. When fair value pricing is employed, the prices of securities used by the Fund may differ from quoted or published prices for the same security. Investments in money market funds are valued at net asset value per share.

Various inputs are used in determining the value of the Fund s investments, as noted above. These inputs are summarized in the three broad levels below:

- Level 1 quoted prices in active markets for identical securities.
- Level 2 other significant observable inputs (including quoted prices for similar securities, foreign securities that may be fair valued and repurchase agreements). The table below includes all Level 2 securities. Level 2 securities with values based on quoted prices for similar securities are noted in the Schedule of Investments.
- Level 3 significant unobservable inputs (including the Fund s own assumptions in determining the fair value of investments). The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following is a summary of the inputs used to value the Fund s investments as of September 30, 2011. For a detailed breakout of common stocks by sector classification, please refer to the Schedule of Investments.

	Level 1	Level 2	Level 3	Total
Common stocks Preferred stocks Cash equivalents	\$ 241,850,790 9,182,346	\$ 30,726,158 895,919 34,870,000	\$ 384,418	\$ 272,961,366 895,919 44,052,346

### Level 3 Reconciliation:

					Realized and		
	Balance as of				Unrealized		
	12/31/10	Purchases	Transfers Out	Sales	Gain (Loss)	Balance as of 9/30/11	
Common stocks	\$36,229	\$1,044,440	\$	\$	\$(696,251)	\$384,418	

#### **Repurchase Agreements:**

The Fund may enter into repurchase agreements with institutions that the Fund s investment adviser has determined are creditworthy. The Fund restricts repurchase agreements to maturities of no more than seven days. Securities pledged as collateral for repurchase agreements, which are held until maturity of the repurchase agreements, are marked-to-market daily and maintained at a value at least equal to the principal amount of the repurchase agreement (including accrued interest). Repurchase agreements could involve certain risks in the event of default or insolvency of the counter-party, including possible delays or

restrictions upon the ability of the Fund to dispose of its underlying securities.

### Securities Lending:

The Fund loans securities to qualified institutional investors for the purpose of realizing additional income. Collateral for the Fund on all securities loaned is accepted in cash and cash equivalents and invested temporarily by the custodian. The collateral maintained is at least 100% of the current market value of the loaned securities. The market value of the loaned securities is determined at the close of business of the Fund and any additional required collateral is delivered to the Fund on the next business day. The Fund retains the risk of any loss on the securities on loan as well as incurring the potential loss on investments purchased with cash collateral received for securities lending.

Other information regarding the Fund is available in the Fund s most recent Report to Stockholders. This information is available through The Royce Funds (www.roycefunds.com) and on the Securities and Exchange Commission s website (www.sec.gov).

#### Item 2 - Controls and Procedures

- (a) The Registrant s principal executive and principal financial officers have concluded, based on their evaluation of the Registrant s disclosure controls and procedures as of a date within 90 days of the filing date of this report (as required by Rule 30a-3(b) under the Investment Company Act of 1940 (the Act )), that the Registrant s disclosure controls and procedures (as defined by Rule 30a-3(c) under the Act) are reasonably designed to ensure that information required to be disclosed by the Registrant on Form N-Q is recorded, processed, summarized and reported within the required time periods and that information required to be disclosed by the Registrant in the reports that it files or submits on Form N-Q is accumulated and communicated to the Registrant s management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure.
- (b) There were no changes in the Registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) during the Registrant s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the internal control over financial reporting.

Item 3 - Exhibits

Certifications pursuant to Rule 30a-2(a) under the Act are attached hereto.

#### **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.

Royce Micro-Cap Trust, Inc.

By:

### /s/ Charles M. Royce

Charles M. Royce

President, Royce Micro-Cap Trust, Inc.

Date: November 16, 2011

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

By:

#### /s/ Charles M. Royce

Charles M. Royce President, Royce Micro-Cap Trust, Inc. Date: November 16, 2011

By:

### /s/ John D. Diederich

John D. Diederich Treasurer, Royce Micro-Cap Trust, Inc.

Date: November 16, 2011