



SEMI-ANNUAL REPORT

# AB VARIABLE PRODUCTS SERIES FUND, INC.

+ SMALL/MID CAP VALUE PORTFOLIO

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- **Are Not FDIC Insured**
- **May Lose Value**
- **Are Not Bank Guaranteed**

**AllianceBernstein Investments, Inc. (ABI) is the distributor of the AB family of mutual funds. ABI is a member of FINRA and is an affiliate of AllianceBernstein L.P., the Adviser of the funds.**

**You may obtain a description of the Fund's proxy voting policies and procedures, and information regarding how the Fund voted proxies relating to portfolio securities during the most recent 12-month period ended June 30, without charge. Simply visit AB's website at [www.abfunds.com](http://www.abfunds.com) or go to the Securities and Exchange Commission's (the "Commission") website at [www.sec.gov](http://www.sec.gov), or call AB at (800) 227 4618.**

**The Fund files its complete schedule of portfolio holdings with the Commission for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The Fund's Form N-PORT reports are available on the Commission's website at [www.sec.gov](http://www.sec.gov). The Fund's Forms N-PORT may also be reviewed and copied at the Commission's Public Reference Room in Washington, DC; information on the operation of the Public Reference Room may be obtained by calling (800) SEC 0330.**

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## SMALL/MID CAP VALUE PORTFOLIO

### EXPENSE EXAMPLE (unaudited)

### AB Variable Products Series Fund

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs, including sales charges (loads) on purchase payments, contingent deferred sales charges on redemptions and (2) ongoing costs, including management fees; distribution (12b-1) fees; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds.

The Example is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period as indicated below.

#### Actual Expenses

The table below provides information about actual account values and actual expenses. You may use the information in this line, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the first line under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period. The estimate of expenses does not include fees or other expenses of any variable insurance product. If such expenses were included, the estimate of expenses you paid during the period would be higher and your ending account value would be lower.

#### Hypothetical Example for Comparison Purposes

The table below provides information about hypothetical account values and hypothetical expenses based on the Portfolio's actual expense ratio and an assumed annual rate of return of 5% before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds by comparing this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of other funds. The estimate of expenses does not include fees or other expenses of any variable insurance product. If such expenses were included, the estimate of expenses you paid during the period would be higher and your ending account value would be lower.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs, such as sales charges (loads), or contingent deferred sales charges on redemptions. Therefore, the second line of each class' table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

	<u>Beginning Account Value January 1, 2019</u>	<u>Ending Account Value June 30, 2019</u>	<u>Expenses Paid During Period*</u>	<u>Annualized Expense Ratio*</u>
<b>Class A</b>				
Actual .....	\$ 1,000	\$ 1,140.00	\$ 4.35	0.82%
Hypothetical (5% annual return before expenses) .....	\$ 1,000	\$ 1,020.73	\$ 4.11	0.82%
<b>Class B</b>				
Actual .....	\$ 1,000	\$ 1,139.10	\$ 5.68	1.07%
Hypothetical (5% annual return before expenses) .....	\$ 1,000	\$ 1,019.49	\$ 5.36	1.07%

\* Expenses are equal to each classes' annualized expense ratios, multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period).

# SMALL/MID CAP VALUE PORTFOLIO

## TEN LARGEST HOLDINGS<sup>1</sup>

June 30, 2019 (unaudited)

AB Variable Products Series Fund

COMPANY	U.S. \$ VALUE	PERCENT OF NET ASSETS
Reinsurance Group of America, Inc.—Class A	\$ 11,839,400	1.9%
Everest Re Group Ltd.	11,322,327	1.8
Camden Property Trust	10,503,409	1.7
US Foods Holding Corp.	10,113,285	1.6
Alaska Air Group, Inc.	10,090,302	1.6
CubeSmart	9,955,890	1.6
Zions Bancorp NA	9,934,347	1.6
Nomad Foods Ltd.	9,867,209	1.6
Sotheby's	9,742,995	1.6
Sun Communities, Inc.	9,736,030	1.5
	\$ 103,105,194	16.5%

## SECTOR BREAKDOWN<sup>2</sup>

June 30, 2019 (unaudited)

SECTOR	U.S. \$ VALUE	PERCENT OF TOTAL INVESTMENTS
Financials	\$ 141,197,766	22.5%
Industrials	87,825,777	14.0
Information Technology	86,093,313	13.7
Real Estate	80,208,167	12.8
Consumer Discretionary	67,658,772	10.8
Materials	37,864,631	6.0
Utilities	35,573,947	5.7
Energy	32,343,038	5.1
Consumer Staples	31,158,832	5.0
Health Care	17,647,835	2.8
Communication Services	6,623,535	1.0
Short-Term Investments	3,952,393	0.6
Total Investments	\$ 628,148,006	100.0%

1 Long-term investments.

2 The Portfolio's sector breakdown is expressed as a percentage of total investments (excluding security lending collateral) and may vary over time.

Please note: The sector classifications presented herein are based on the Global Industry Classification Standard (GICS) which was developed by Morgan Stanley Capital International and Standard & Poor's. The components are divided into sector, industry group, and industry sub-indices as classified by the GICS for each of the market capitalization indices in the broad market. These sector classifications are broadly defined. The "Portfolio of Investments" section of the report reflects more specific industry information and is consistent with the investment restrictions discussed in the Portfolio's prospectus.

# SMALL/MID CAP VALUE PORTFOLIO

## PORTFOLIO OF INVESTMENTS

June 30, 2019 (unaudited)

AB Variable Products Series Fund

Company	Shares	U.S. \$ Value	Company	Shares	U.S. \$ Value
<b>COMMON STOCKS-99.9%</b>			Quanta Services, Inc. ....	190,671	\$ 7,281,725
<b>FINANCIALS-22.6%</b>			Tutor Perini Corp.(a) .....	263,480	3,654,468
<b>BANKS-9.9%</b>					15,060,690
Associated Banc-Corp. ....	306,390	\$ 6,477,085	<b>ELECTRICAL</b>		
Comerica, Inc. ....	100,050	7,267,632	<b>EQUIPMENT-2.2%</b>		
Sterling Bancorp./DE .....	373,430	7,946,590	EnerSys .....	104,420	7,152,770
Synovus Financial Corp. ....	219,242	7,673,470	Regal Beloit Corp. ....	83,292	6,805,789
Texas Capital Bancshares,					13,958,559
Inc.(a) .....	122,097	7,493,093	<b>MACHINERY-1.6%</b>		
Umpqua Holdings Corp. ....	486,633	8,073,241	Kennametal, Inc. ....	130,675	4,833,668
Webster Financial Corp. ....	147,213	7,032,365	Terex Corp. ....	169,600	5,325,440
Zions Bancorp NA .....	216,058	9,934,347			10,159,108
		61,897,823	<b>TRADING COMPANIES &amp;</b>		
<b>CONSUMER FINANCE-0.8%</b>			<b>DISTRIBUTORS-1.4%</b>		
OneMain Holdings, Inc. ....	156,706	5,298,230	BMC Stock Holdings, Inc.(a) .....	176,170	3,734,804
<b>INSURANCE-9.4%</b>			MRC Global, Inc.(a) .....	288,127	4,932,734
American Financial Group, Inc./					8,667,538
OH .....	74,420	7,625,818			87,825,777
Everest Re Group Ltd. ....	45,806	11,322,327	<b>INFORMATION</b>		
First American Financial Corp. ....	135,960	7,301,052	<b>TECHNOLOGY-13.8%</b>		
Hanover Insurance Group, Inc.			<b>COMMUNICATIONS</b>		
(The) .....	37,760	4,844,608	<b>EQUIPMENT-1.5%</b>		
Kemper Corp. ....	46,831	4,041,047	Finisar Corp.(a) .....	137,123	3,136,003
Old Republic International Corp. ....	261,658	5,855,906	NetScout Systems, Inc.(a) .....	250,030	6,348,262
Reinsurance Group of America,					9,484,265
Inc.-Class A .....	75,879	11,839,400	<b>ELECTRONIC EQUIPMENT,</b>		
Selective Insurance Group, Inc. ....	75,855	5,680,781	<b>INSTRUMENTS &amp;</b>		
		58,510,939	<b>COMPONENTS-1.9%</b>		
<b>THRIFTS &amp; MORTGAGE</b>			Avnet, Inc. ....	188,680	8,541,543
<b>FINANCE-2.5%</b>			TTM Technologies, Inc.(a) .....	327,648	3,342,010
BankUnited, Inc. ....	253,728	8,560,783			11,883,553
Essent Group Ltd.(a) .....	147,478	6,929,991	<b>IT SERVICES-2.8%</b>		
		15,490,774	Amdocs Ltd. ....	109,300	6,786,437
		141,197,766	Booz Allen Hamilton Holding		
<b>INDUSTRIALS-14.0%</b>			Corp. ....	57,720	3,821,641
<b>AEROSPACE &amp; DEFENSE-0.9%</b>			Genpact Ltd. ....	175,163	6,671,959
AAR Corp. ....	150,571	5,539,507			17,280,037
<b>AIR FREIGHT &amp;</b>			<b>SEMICONDUCTORS &amp;</b>		
<b>LOGISTICS-0.4%</b>			<b>SEMICONDUCTOR</b>		
Atlas Air Worldwide Holdings,			<b>EQUIPMENT-2.9%</b>		
Inc.(a) .....	59,656	2,663,044	Cypress Semiconductor Corp. ....	362,425	8,060,332
<b>AIRLINES-3.9%</b>			Kulicke & Soffa Industries, Inc. ....	195,718	4,413,441
Alaska Air Group, Inc. ....	157,883	10,090,302	MaxLinear, Inc.-Class A(a) .....	244,379	5,728,244
Hawaiian Holdings, Inc. ....	220,076	6,036,685			18,202,017
SkyWest, Inc. ....	139,861	8,485,367	<b>SOFTWARE-3.2%</b>		
		24,612,354	CommVault Systems, Inc.(a) .....	114,980	5,705,307
<b>BUILDING PRODUCTS-0.5%</b>			Nuance Communications, Inc.(a) ..	509,844	8,142,209
Masonite International Corp.(a) ....	56,857	2,995,227	Verint Systems, Inc.(a) .....	116,585	6,269,941
<b>COMMERCIAL SERVICES &amp;</b>					20,117,457
<b>SUPPLIES-0.7%</b>			<b>TECHNOLOGY HARDWARE,</b>		
Steelcase, Inc.-Class A .....	243,845	4,169,750	<b>STORAGE &amp;</b>		
<b>CONSTRUCTION &amp;</b>			<b>PERIPHERALS-1.5%</b>		
<b>ENGINEERING-2.4%</b>			NCR Corp.(a) .....	293,440	9,125,984
Granite Construction, Inc. ....	85,606	4,124,497			86,093,313

# SMALL/MID CAP VALUE PORTFOLIO

## PORTFOLIO OF INVESTMENTS

(continued)

AB Variable Products Series Fund

Company	Shares	U.S. \$ Value	Company	Shares	U.S. \$ Value
<b>REAL ESTATE-12.8%</b>			<b>MATERIALS-6.1%</b>		
<b>EQUITY REAL ESTATE</b>			<b>CHEMICALS-2.5%</b>		
<b>INVESTMENT TRUSTS</b>			Orion Engineered Carbons SA .....	222,608	\$ 4,766,037
<b>(REITs)-12.8%</b>			Trinseo SA .....	127,440	5,395,809
American Campus Communities, Inc. ....	182,176	\$ 8,409,244	Westlake Chemical Corp.(b) .....	79,708	5,536,518
Americold Realty Trust .....	116,080	3,763,314			15,698,364
Camden Property Trust .....	100,617	10,503,409	<b>CONTAINERS &amp; PACKAGING-2.1%</b>		
Cousins Properties, Inc. ....	145,175	5,250,980	<b>Graphic Packaging Holding Co.(b) .....</b>		
CubeSmart .....	297,724	9,955,890		534,708	7,475,218
Easterly Government Properties, Inc. ....	97,987	1,774,545	Sealed Air Corp. ....	130,524	5,583,817
Empire State Realty Trust, Inc.-Class A .....	496,792	7,357,489			13,059,035
MGM Growth Properties LLC-Class A .....	240,200	7,362,130	<b>METALS &amp; MINING-1.5%</b>		
Park Hotels & Resorts, Inc. ....	259,505	7,151,958	Alcoa Corp.(a) .....	202,129	4,731,840
STAG Industrial, Inc. ....	295,740	8,943,178	Carpenter Technology Corp. ....	91,192	4,375,392
Sun Communities, Inc. ....	75,950	9,736,030			9,107,232
		80,208,167			37,864,631
<b>CONSUMER DISCRETIONARY-10.8%</b>			<b>UTILITIES-5.7%</b>		
<b>AUTO COMPONENTS-2.3%</b>			<b>ELECTRIC UTILITIES-3.7%</b>		
<b>Cooper-Standard Holdings, Inc.(a) .....</b>			Alliant Energy Corp. ....	196,678	9,652,956
	78,368	3,590,822	PNM Resources, Inc. ....	120,161	6,117,397
Dana, Inc. ....	251,286	5,010,643	Portland General Electric Co. ....	131,938	7,147,081
Lear Corp. ....	41,034	5,714,805			22,917,434
		14,316,270	<b>GAS UTILITIES-1.1%</b>		
<b>DIVERSIFIED CONSUMER SERVICES-2.0%</b>			Southwest Gas Holdings, Inc. ....	77,290	6,926,730
<b>Houghton Mifflin Harcourt Co.(a) .....</b>			<b>MULTI-UTILITIES-0.9%</b>		
	489,525	2,819,664	Black Hills Corp. ....	73,299	5,729,783
Sotheby's(a)(b) .....	167,607	9,742,995			35,573,947
		12,562,659	<b>ENERGY-5.2%</b>		
<b>HOTELS, RESTAURANTS &amp; LEISURE-0.8%</b>			<b>ENERGY EQUIPMENT &amp; SERVICES-2.8%</b>		
<b>Bloomin' Brands, Inc. ....</b>			Dril-Quip, Inc.(a)(b) .....	111,704	5,361,792
	270,648	5,117,954	Oil States International, Inc.(a) ....	244,030	4,465,749
<b>HOUSEHOLD DURABLES-2.4%</b>			Patterson-UTI Energy, Inc. ....	406,604	4,680,012
<b>Lennar Corp.-Class A .....</b>			RPC, Inc.(b) .....	372,210	2,683,634
	144,593	7,006,977			17,191,187
Taylor Morrison Home Corp.-Class A(a) .....	376,933	7,900,515	<b>OIL, GAS &amp; CONSUMABLE FUELS-2.4%</b>		
		14,907,492	<b>Cimarex Energy Co. ....</b>		
<b>LEISURE PRODUCTS-0.6%</b>				46,403	2,753,090
<b>Callaway Golf Co. ....</b>			Oasis Petroleum, Inc.(a)(b) .....	654,630	3,718,298
	222,081	3,810,910	QEP Resources, Inc.(a) .....	685,808	4,958,392
<b>SPECIALTY RETAIL-0.9%</b>			SM Energy Co. ....	297,290	3,722,071
<b>Michaels Cos., Inc. (The)(a)(b) ....</b>					15,151,851
	371,610	3,233,007			32,343,038
Signet Jewelers Ltd.(b) .....	149,280	2,669,126	<b>CONSUMER STAPLES-5.0%</b>		
		5,902,133	<b>BEVERAGES-1.2%</b>		
<b>TEXTILES, APPAREL &amp; LUXURY GOODS-1.8%</b>			<b>Cott Corp. ....</b>		
<b>Capri Holdings Ltd.(a) .....</b>				558,159	7,451,423
	132,085	4,580,708	<b>FOOD &amp; STAPLES RETAILING-1.6%</b>		
Skechers U.S.A., Inc.-Class A(a) ..	205,165	6,460,646	<b>US Foods Holding Corp.(a) .....</b>		
		11,041,354		282,810	10,113,285
		67,658,772	<b>FOOD PRODUCTS-2.2%</b>		
			<b>Hain Celestial Group, Inc. (The)(a) .....</b>		
				1,805	39,530
			<b>Ingredion, Inc. ....</b>		
				44,701	3,687,385

**AB Variable Products Series Fund**

Company	Shares	U.S. \$ Value	Company	Shares	U.S. \$ Value
Nomad Foods Ltd.(a) .....	461,948	\$ 9,867,209	<b>INVESTMENTS OF CASH</b>		
		<u>13,594,124</u>	<b>COLLATERAL FOR</b>		
		<u>31,158,832</u>	<b>SECURITIES</b>		
<b>HEALTH CARE—2.8%</b>			<b>LOANED—2.1%</b>		
HEALTH CARE			INVESTMENT		
PROVIDERS &			COMPANIES—2.1%		
SERVICES—1.7%			AB Fixed Income Shares, Inc.—		
Molina Healthcare, Inc.(a) .....	48,322	6,916,811	Government Money Market		
WellCare Health Plans, Inc.(a) ...	13,313	3,795,137	Portfolio—Class AB,		
		<u>10,711,948</u>	2.33%(c)(d)(e)		
			(cost \$12,817,236) .....	12,817,236	\$ 12,817,236
LIFE SCIENCES TOOLS &			<b>TOTAL</b>		
SERVICES—1.1%			<b>INVESTMENTS—102.6%</b>		
ICON PLC(a) .....	45,047	6,935,887	(cost \$589,171,501) .....		640,965,242
		<u>17,647,835</u>	Other assets less		
<b>COMMUNICATION</b>			liabilities—(2.6)% .....		(15,959,822)
<b>SERVICES—1.1%</b>			<b>NET ASSETS—100.0%</b> .....		<u>\$ 625,005,420</u>
MEDIA—1.1%					
Criteo SA (Sponsored			(a) Non-income producing security.		
ADR)(a) .....	269,609	4,639,971	(b) Represents entire or partial securities out on loan. See Note E		
Scholastic Corp. ....	59,674	1,983,564	for securities lending information.		
		<u>6,623,535</u>	(c) Affiliated investments.		
Total Common Stocks			(d) The rate shown represents the 7-day yield as of period end.		
(cost \$572,401,872) .....		<u>624,195,613</u>	(e) To obtain a copy of the fund's shareholder report, please go		
<b>SHORT-TERM</b>			to the Securities and Exchange Commission's website at		
<b>INVESTMENTS—0.6%</b>			www.sec.gov, or call AB at (800) 227-4618.		
INVESTMENT			Glossary:		
COMPANIES—0.6%			ADR—American Depositary Receipt		
AB Fixed Income Shares, Inc.—			See notes to financial statements.		
Government Money Market					
Portfolio—Class AB,					
2.33%(c)(d)(e)					
(cost \$3,952,393) .....	3,952,393	<u>3,952,393</u>			
<b>TOTAL INVESTMENTS</b>					
<b>BEFORE SECURITY</b>					
<b>LENDING COLLATERAL</b>					
<b>FOR SECURITIES</b>					
<b>LOANED—100.5%</b>					
(cost \$576,354,265) .....		<u>628,148,006</u>			

# SMALL/MID CAP VALUE PORTFOLIO

## STATEMENT OF ASSETS & LIABILITIES

June 30, 2019 (unaudited)

AB Variable Products Series Fund

### ASSETS

Investments in securities, at value	
Unaffiliated issuers (cost \$572,401,872) .....	\$624,195,613(a)
Affiliated issuers (cost \$16,769,629—including investment of cash collateral for securities loaned of \$12,817,236) .....	16,769,629
Receivable for investment securities sold .....	1,456,571
Unaffiliated dividends and interest receivable .....	1,067,796
Receivable for capital stock sold .....	26,881
Affiliated dividends receivable .....	14,831
Total assets .....	<u>643,531,321</u>

### LIABILITIES

Payable for collateral received on securities loaned .....	12,809,143
Payable for investment securities purchased .....	2,649,975
Payable for capital stock redeemed .....	2,461,155
Advisory fee payable .....	354,807
Distribution fee payable .....	79,166
Administrative fee payable .....	34,786
Collateral due to Securities Lending Agent .....	8,093
Directors' fees payable .....	6,504
Transfer Agent fee payable .....	58
Accrued expenses .....	122,214
Total liabilities .....	<u>18,525,901</u>

**NET ASSETS** ..... \$625,005,420

### COMPOSITION OF NET ASSETS

Capital stock, at par .....	\$ 32,637
Additional paid-in capital .....	476,487,474
Distributable earnings .....	148,485,309
	<u>\$625,005,420</u>

### Net Asset Value Per Share—1 billion shares of capital stock authorized, \$.001 par value

Class	Net Assets	Shares Outstanding	Net Asset Value
A	\$ 208,134,023	10,785,103	\$ 19.30
B	\$ 416,871,397	21,851,930	\$ 19.08

(a) Includes securities on loan with a value of \$31,422,602 (see Note E).

See notes to financial statements.



**SMALL/MID CAP VALUE PORTFOLIO  
STATEMENT OF OPERATIONS****Six Months Ended June 30, 2019 (unaudited)****AB Variable Products Series Fund****INVESTMENT INCOME**

Dividends	
Unaffiliated issuers (net of foreign taxes withheld of \$20,760) .....	\$ 5,712,235
Affiliated issuers .....	120,843
Interest .....	23
	<u>5,833,101</u>

**EXPENSES**

Advisory fee (see Note B) .....	2,332,511
Distribution fee—Class B .....	518,900
Transfer agency—Class A .....	1,080
Transfer agency—Class B .....	2,166
Custodian .....	62,378
Printing .....	46,910
Administrative .....	35,554
Legal .....	26,908
Audit and tax .....	22,867
Directors' fees .....	12,066
Miscellaneous .....	12,087
Total expenses .....	3,073,427
Less: expenses waived and reimbursed by the Adviser (see Notes B & E) .....	(5,325)
Net expenses .....	<u>3,068,102</u>
Net investment income .....	<u>2,764,999</u>

**REALIZED AND UNREALIZED GAIN ON INVESTMENT TRANSACTIONS**

Net realized gain on investment transactions .....	23,846,821
Net change in unrealized appreciation/depreciation of investments .....	<u>52,231,263</u>
Net gain on investment transactions .....	<u>76,078,084</u>

**NET INCREASE IN NET ASSETS FROM OPERATIONS .....** \$78,843,083

See notes to financial statements.

# **SMALL/MID CAP VALUE PORTFOLIO** **STATEMENT OF CHANGES IN NET ASSETS**

## **AB Variable Products Series Fund**

	Six Months Ended June 30, 2019 (unaudited)	Year Ended December 31, 2018
<b>INCREASE (DECREASE) IN NET ASSETS FROM OPERATIONS</b>		
Net investment income .....	\$ 2,764,999	\$ 3,007,885
Net realized gain on investment transactions .....	23,846,821	67,778,832
Net change in unrealized appreciation/depreciation of investments .....	<u>52,231,263</u>	<u>(170,330,626)</u>
Net increase (decrease) in net assets from operations .....	78,843,083	(99,543,909)
<b>DISTRIBUTIONS TO SHAREHOLDERS</b>		
Class A .....	-0-	(18,827,338)
Class B .....	-0-	(36,997,043)
<b>CAPITAL STOCK TRANSACTIONS</b>		
Net increase (decrease) .....	<u>(16,830,327)</u>	<u>15,207,829</u>
Total increase (decrease) .....	62,012,756	(140,160,461)
<b>NET ASSETS</b>		
Beginning of period .....	<u>562,992,664</u>	<u>703,153,125</u>
End of period .....	<u>\$625,005,420</u>	<u>\$ 562,992,664</u>

See notes to financial statements.

# **SMALL/MID CAP VALUE PORTFOLIO**

## **NOTES TO FINANCIAL STATEMENTS**

**June 30, 2019 (unaudited)**

**AB Variable Products Series Fund**

### **NOTE A: Significant Accounting Policies**

The AB Small/Mid Cap Value Portfolio (the “Portfolio”) is a series of AB Variable Products Series Fund, Inc. (the “Fund”). The Portfolio’s investment objective is long-term growth of capital. The Portfolio is diversified as defined under the Investment Company Act of 1940. The Fund was incorporated in the State of Maryland on November 17, 1987, as an open-end series investment company. The Fund offers eleven separately managed pools of assets which have differing investment objectives and policies. The Portfolio offers Class A and Class B shares. Both classes of shares have identical voting, dividend, liquidating and other rights, except that Class B shares bear a distribution expense and have exclusive voting rights with respect to the Class B distribution plan.

The Portfolio offers and sells its shares only to separate accounts of certain life insurance companies for the purpose of funding variable annuity contracts and variable life insurance policies. Sales are made without a sales charge at the Portfolio’s net asset value per share.

The financial statements have been prepared in conformity with U.S. generally accepted accounting principles (“U.S. GAAP”) which require management to make certain estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements and amounts of income and expenses during the reporting period. Actual results could differ from those estimates. The Portfolio is an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to investment companies. The following is a summary of significant accounting policies followed by the Portfolio.

#### **1. Security Valuation**

Portfolio securities are valued at their current market value determined on the basis of market quotations or, if market quotations are not readily available or are deemed unreliable, at “fair value” as determined in accordance with procedures established by and under the general supervision of the Fund’s Board of Directors (the “Board”).

In general, the market values of securities which are readily available and deemed reliable are determined as follows: securities listed on a national securities exchange (other than securities listed on the NASDAQ Stock Market, Inc. (“NASDAQ”)) or on a foreign securities exchange are valued at the last sale price at the close of the exchange or foreign securities exchange. If there has been no sale on such day, the securities are valued at the last traded price from the previous day. Securities listed on more than one exchange are valued by reference to the principal exchange on which the securities are traded; securities listed only on NASDAQ are valued in accordance with the NASDAQ Official Closing Price; listed or over the counter (“OTC”) market put or call options are valued at the mid level between the current bid and ask prices. If either a current bid or current ask price is unavailable, AllianceBernstein L.P. (the “Adviser”) will have discretion to determine the best valuation (e.g., last trade price in the case of listed options); open futures are valued using the closing settlement price or, in the absence of such a price, the most recent quoted bid price. If there are no quotations available for the day of valuation, the last available closing settlement price is used; U.S. Government securities and any other debt instruments having 60 days or less remaining until maturity are generally valued at market by an independent pricing vendor, if a market price is available. If a market price is not available, the securities are valued at amortized cost. This methodology is commonly used for short term securities that have an original maturity of 60 days or less, as well as short term securities that had an original term to maturity that exceeded 60 days. In instances when amortized cost is utilized, the Valuation Committee (the “Committee”) must reasonably conclude that the utilization of amortized cost is approximately the same as the fair value of the security. Such factors the Committee will consider include, but are not limited to, an impairment of the creditworthiness of the issuer or material changes in interest rates. Fixed-income securities, including mortgage-backed and asset-backed securities, may be valued on the basis of prices provided by a pricing service or at a price obtained from one or more of the major broker-dealers. In cases where broker-dealer quotes are obtained, the Adviser may establish procedures whereby changes in market yields or spreads are used to adjust, on a daily basis, a recently obtained quoted price on a security. Swaps and other derivatives are valued daily, primarily using independent pricing services, independent pricing models using market inputs, as well as third party broker-dealers or counterparties. Open end mutual funds are valued at the closing net asset value per share, while exchange traded funds are valued at the closing market price per share.

Securities for which market quotations are not readily available (including restricted securities) or are deemed unreliable are valued at fair value as deemed appropriate by the Adviser. Factors considered in making this determination may include, but are not limited to, information obtained by contacting the issuer, analysts, analysis of the issuer’s financial statements or other available documents. In addition, the Portfolio may use fair value pricing for securities primarily traded in non-U.S. markets because most foreign markets close well before the Portfolio values its securities at 4:00 p.m., Eastern Time. The

# SMALL/MID CAP VALUE PORTFOLIO

## NOTES TO FINANCIAL STATEMENTS

(continued)

AB Variable Products Series Fund

earlier close of these foreign markets gives rise to the possibility that significant events, including broad market moves, may have occurred in the interim and may materially affect the value of those securities. To account for this, the Portfolio generally values many of its foreign equity securities using fair value prices based on third party vendor modeling tools to the extent available.

### 2. Fair Value Measurements

In accordance with U.S. GAAP regarding fair value measurements, fair value is defined as the price that the Portfolio would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. U.S. GAAP establishes a framework for measuring fair value, and a three-level hierarchy for fair value measurements based upon the transparency of inputs to the valuation of an asset or liability (including those valued based on their market values as described in Note A.1 above). Inputs may be observable or unobservable and refer broadly to the assumptions that market participants would use in pricing the asset or liability. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Portfolio. Unobservable inputs reflect the Portfolio's own assumptions about the assumptions that market participants would use in pricing the asset or liability based on the best information available in the circumstances. Each investment is assigned a level based upon the observability of the inputs which are significant to the overall valuation. The three-tier hierarchy of inputs is summarized below.

- Level 1—quoted prices in active markets for identical investments
- Level 2—other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)
- Level 3—significant unobservable inputs (including the Portfolio's own assumptions in determining the fair value of investments)

Where readily available market prices or relevant bid prices are not available for certain equity investments, such investments may be valued based on similar publicly traded investments, movements in relevant indices since last available prices or based upon underlying company fundamentals and comparable company data (such as multiples to earnings or other multiples to equity). Where an investment is valued using an observable input, such as another publicly traded security, the investment will be classified as Level 2. If management determines that an adjustment is appropriate based on restrictions on resale, illiquidity or uncertainty, and such adjustment is a significant component of the valuation, the investment will be classified as Level 3. An investment will also be classified as Level 3 where management uses company fundamentals and other significant inputs to determine the valuation.

The following table summarizes the valuation of the Portfolio's investments by the above fair value hierarchy levels as of June 30, 2019:

	Level 1	Level 2	Level 3	Total
<b>Investments in Securities:</b>				
<b>Assets:</b>				
Common Stocks(a) .....	\$624,195,613	\$ —	\$ —	\$624,195,613
Short-Term Investments .....	3,952,393	—	—	3,952,393
Investments of Cash Collateral for Securities Loaned in				
Affiliated Money Market Fund .....	12,817,236	—	—	12,817,236
Total Investments in Securities .....	640,965,242	—	—	640,965,242
<b>Other Financial Instruments(b) .....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Total .....</b>	<b>\$640,965,242</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$640,965,242</b>

(a) See Portfolio of Investments for sector classifications.

(b) Other financial instruments are derivative instruments, such as futures, forwards and swaps, which are valued at the unrealized appreciation/(depreciation) on the instrument. Other financial instruments may also include swaps with upfront premiums, options written and swaptions written which are valued at market value.

### 3. Currency Translation

Assets and liabilities denominated in foreign currencies and commitments under forward currency exchange contracts are translated into U.S. dollars at the mean of the quoted bid and ask prices of such currencies against the U.S. dollar. Purchases and sales of portfolio securities are translated into U.S. dollars at the rates of exchange prevailing when such securities were acquired or sold. Income and expenses are translated into U.S. dollars at rates of exchange prevailing when accrued.

Net realized gain or loss on foreign currency transactions represents foreign exchange gains and losses from sales and maturities of foreign fixed income investments, holding of foreign currencies, currency gains or losses realized between the trade and settlement dates on foreign investment transactions, and the difference between the amounts of dividends, interest and foreign withholding taxes recorded on the Portfolio's books and the U.S. dollar equivalent amounts actually received or paid. Net unrealized currency gains and losses from valuing foreign currency denominated assets and liabilities at period end exchange rates are reflected as a component of net unrealized appreciation or depreciation of foreign currency denominated assets and liabilities.

#### **4. Taxes**

It is the Portfolio's policy to meet the requirements of the Internal Revenue Code applicable to regulated investment companies and to distribute all of its investment company taxable income and net realized gains, if any, to shareholders. Therefore, no provisions for federal income or excise taxes are required. The Portfolio may be subject to taxes imposed by countries in which it invests. Such taxes are generally based on income and/or capital gains earned or repatriated. Taxes are accrued and applied to net investment income, net realized gains and net unrealized appreciation/depreciation as such income and/or gains are earned.

In accordance with U.S. GAAP requirements regarding accounting for uncertainties in income taxes, management has analyzed the Portfolio's tax positions taken or expected to be taken on federal and state income tax returns for all open tax years (the current and the prior three tax years) and has concluded that no provision for income tax is required in the Portfolio's financial statements.

#### **5. Investment Income and Investment Transactions**

Dividend income is recorded on the ex-dividend date or as soon as the Portfolio is informed of the dividend. Interest income is accrued daily. Investment transactions are accounted for on the date the securities are purchased or sold. Investment gains or losses are determined on the identified cost basis. The Portfolio amortizes premiums and accretes discounts as adjustments to interest income.

#### **6. Class Allocations**

All income earned and expenses incurred by the Portfolio are borne on a pro-rata basis by each outstanding class of shares, based on the proportionate interest in the Portfolio represented by the net assets of such class, except for class specific expenses which are allocated to the respective class. Expenses of the Fund are charged proportionately to each portfolio or based on other appropriate methods. Realized and unrealized gains and losses are allocated among the various share classes based on respective net assets.

#### **7. Dividends and Distributions**

Dividends and distributions to shareholders, if any, are recorded on the ex-dividend date. Income dividends and capital gains distributions are determined in accordance with federal tax regulations and may differ from those determined in accordance with U.S. GAAP. To the extent these differences are permanent, such amounts are reclassified within the capital accounts based on their federal tax basis treatment; temporary differences do not require such reclassification.

#### **NOTE B: Advisory Fee and Other Transactions with Affiliates**

Under the terms of the investment advisory agreement, the Portfolio pays the Adviser an advisory fee at an annual rate of .75% of the first \$2.5 billion, .65% of the next \$2.5 billion and .60% in excess of \$5 billion, of the Portfolio's average daily net assets. The fee is accrued daily and paid monthly. The Adviser has agreed to waive its fees and bear certain expenses to the extent necessary to limit total operating expenses on an annual basis (the "Expense Caps") to 1.20% and 1.45% of daily average net assets for Class A and Class B shares, respectively. For the six months ended June 30, 2019, there were no expenses waived by the Adviser.

During the second quarter of 2018, AXA S.A. ("AXA") completed the sale of a minority stake in AXA Equitable Holdings, Inc. ("AXA Equitable"), through an initial public offering. AXA Equitable is the holding company for a diverse group of financial services companies, including an approximately 63.7% economic interest in the Adviser and a 100% interest in AllianceBernstein Corporation, the general partner of the Adviser. Since the initial sale, AXA has completed additional offerings, most recently during the second quarter of 2019. As a result, AXA owned 40.1% of the outstanding common stock of AXA Equitable as of June 30, 2019. As part of the latest offering, the underwriters exercised their over-allotment option resulting in AXA owning 38.9% of EQH as of July 8, 2019. AXA has announced its intention to sell its entire remaining interest in AXA Equitable over time, subject to market conditions and other factors (the "Plan"). AXA is under no

# SMALL/MID CAP VALUE PORTFOLIO

## NOTES TO FINANCIAL STATEMENTS

(continued)

AB Variable Products Series Fund

obligation to do so and retains the sole discretion to determine the timing of any future sales of shares of AXA Equitable common stock.

It is anticipated that one or more of the transactions contemplated by the Plan may ultimately result in the indirect transfer of a “controlling block” of voting securities of the Adviser (a “Change of Control Event”) and therefore may be deemed an “assignment” causing a termination of the Portfolio’s current investment advisory agreement. In order to ensure that the existing investment advisory services could continue uninterrupted, at meetings held in late July through early August 2018, the Boards of Directors/Trustees (each a “Board” and collectively, the “Boards”) approved new investment advisory agreements with the Adviser, in connection with the Plan. The Boards also agreed to call and hold a joint meeting of shareholders on October 11, 2018, for shareholders of the Portfolio to (1) approve the new investment advisory agreement with the Adviser that would be effective after the first Change of Control Event and (2) approve any future advisory agreement approved by the Board and that has terms not materially different from the current agreement, in the event there are subsequent Change of Control Events arising from completion of the Plan that terminate the advisory agreement after the first Change of Control Event. Approval of a future advisory agreement means that shareholders may not have another opportunity to vote on a new agreement with the Adviser even upon a change of control, as long as no single person or group of persons acting together gains “control” (as defined in the 1940 Act) of AXA Equitable.

At the October 11, 2018 meeting, shareholders approved the new and future investment advisory agreements.

Pursuant to the investment advisory agreement, the Portfolio may reimburse the Adviser for certain legal and accounting services provided to the Portfolio by the Adviser. For the six months ended June 30, 2019, the reimbursement for such services amounted to \$35,554.

The Portfolio compensates AllianceBernstein Investor Services, Inc. (“ABIS”), a wholly-owned subsidiary of the Adviser, under a Transfer Agency Agreement for providing personnel and facilities to perform transfer agency services for the Portfolio. Such compensation retained by ABIS amounted to \$673 for the six months ended June 30, 2019.

The Portfolio may invest in AB Government Money Market Portfolio (the “Government Money Market Portfolio”) which has a contractual annual advisory fee rate of .20% of the portfolio’s average daily net assets and bears its own expenses. Effective August 1, 2018, the Adviser has contractually agreed to waive .10% of the advisory fee of Government Money Market Portfolio (resulting in a net advisory fee of .10%) until August 31, 2020. In connection with the investment by the Portfolio in Government Money Market Portfolio, the Adviser has contractually agreed to waive its advisory fee from the Portfolio in an amount equal to the Portfolio’s pro rata share of the effective advisory fee of Government Money Market Portfolio, as borne indirectly by the Portfolio as an acquired fund fee and expense. For the six months ended June 30, 2019, such waiver amounted to \$4,770.

A summary of the Portfolio’s transactions in AB mutual funds for the six months ended June 30, 2019 is as follows:

<b>Fund</b>	<b>Market Value 12/31/18 (000)</b>	<b>Purchases at Cost (000)</b>	<b>Sales Proceeds (000)</b>	<b>Market Value 6/30/19 (000)</b>	<b>Dividend Income (000)</b>
Government Money Market Portfolio .....	\$4,557	\$58,039	\$58,643	\$ 3,953	\$113
Government Money Market Portfolio* .....	2,473	36,184	25,840	<u>12,817</u>	<u>8</u>
Total .....				<u>\$16,770</u>	<u>\$121</u>

\* Investments of cash collateral for securities lending transactions (see Note E).

Brokerage commissions paid on investment transactions for the six months ended June 30, 2019 amounted to \$140,321, of which \$0 and \$0, respectively, was paid to Sanford C. Bernstein & Co. LLC and Sanford C. Bernstein Limited, affiliates of the Adviser.

### NOTE C: Distribution Plan

The Portfolio has adopted a Distribution Plan (the “Plan”) for Class B shares pursuant to Rule 12b-1 under the Investment Company Act of 1940. Under the Plan, the Portfolio pays distribution and servicing fees to AllianceBernstein Investments, Inc. (the “Distributor”), a wholly-owned subsidiary of the Adviser, at an annual rate of up to .50% of the Portfolio’s average daily net assets attributable to Class B shares. The fees are accrued daily and paid monthly. The Board currently limits payments under the Plan to .25% of the Portfolio’s average daily net assets attributable to Class B shares. The Plan provides that the Distributor will use such payments in their entirety for distribution assistance and promotional activities.



The Portfolio is not obligated under the Plan to pay any distribution and servicing fees in excess of the amounts set forth above. The purpose of the payments to the Distributor under the Plan is to compensate the Distributor for its distribution services with respect to the sale of the Portfolio's Class B shares. Since the Distributor's compensation is not directly tied to its expenses, the amount of compensation received by it under the Plan during any year may be more or less than its actual expenses. For this reason, the Plan is characterized by the staff of the Securities and Exchange Commission as being of the "compensation" variety.

In the event that the Plan is terminated or not continued, no distribution or servicing fees (other than current amounts accrued but not yet paid) would be owed by the Portfolio to the Distributor.

The Plan also provides that the Adviser may use its own resources to finance the distribution of the Portfolio's shares.

**NOTE D: Investment Transactions**

Purchases and sales of investment securities (excluding short-term investments) for the six months ended June 30, 2019 were as follows:

	<u>Purchases</u>	<u>Sales</u>
Investment securities (excluding U.S. government securities) .....	\$101,211,659	\$108,997,225
U.S. government securities .....	-0-	-0-

The cost of investments for federal income tax purposes was substantially the same as the cost for financial reporting purposes. Accordingly, gross unrealized appreciation and unrealized depreciation are as follows:

Gross unrealized appreciation .....	\$111,627,098
Gross unrealized depreciation .....	(59,833,357)
Net unrealized appreciation .....	<u>\$ 51,793,741</u>

**1. Derivative Financial Instruments**

The Portfolio may use derivatives in an effort to earn income and enhance returns, to replace more traditional direct investments, to obtain exposure to otherwise inaccessible markets (collectively, "investment purposes"), or to hedge or adjust the risk profile of its portfolio.

The Portfolio did not engage in derivatives transactions for the six months ended June 30, 2019.

**2. Currency Transactions**

The Portfolio may invest in non-U.S. Dollar-denominated securities on a currency hedged or unhedged basis. The Portfolio may seek investment opportunities by taking long or short positions in currencies through the use of currency-related derivatives, including forward currency exchange contracts, futures and options on futures, swaps, and other options. The Portfolio may enter into transactions for investment opportunities when it anticipates that a foreign currency will appreciate or depreciate in value but securities denominated in that currency are not held by the Portfolio and do not present attractive investment opportunities. Such transactions may also be used when the Adviser believes that it may be more efficient than a direct investment in a foreign currency-denominated security. The Portfolio may also conduct currency exchange contracts on a spot basis (i.e., for cash at the spot rate prevailing in the currency exchange market for buying or selling currencies).

**NOTE E: Securities Lending**

The Portfolio may enter into securities lending transactions. Under the Portfolio's securities lending program, all loans of securities will be collateralized continually by cash collateral and/or non-cash collateral. Non-cash collateral will include only securities issued or guaranteed by the U.S. government or its agencies or instrumentalities. The Portfolio cannot sell or repledge any non-cash collateral, and accordingly will not be reflected in the portfolio of investments. If a loan is collateralized by cash, the Portfolio will be compensated for the loan from a portion of the net return from the income earned on cash collateral after a rebate is paid to the borrower (in some cases, this rebate may be a "negative rebate" or fee paid by the borrower to the Portfolio in connection with the loan), and payments are made for fees of the securities lending agent and for certain other administrative expenses. If the Portfolio receives non-cash collateral, the Portfolio will receive a fee from the borrower generally equal to a negotiated percentage of the market value of the loaned securities. The Portfolio will have the right to call a loan and obtain the securities loaned at any time on notice to the borrower within the normal and customary settlement time for the securities. While the securities are on loan, the borrower is obligated to pay the Portfolio amounts equal to any income or other distributions from the securities. The Portfolio will not be able to exercise voting rights with

## SMALL/MID CAP VALUE PORTFOLIO

### NOTES TO FINANCIAL STATEMENTS

(continued)

AB Variable Products Series Fund

respect to any securities during the existence of a loan, but will have the right to regain ownership of loaned securities in order to exercise voting or other ownership rights. The lending agent has agreed to indemnify the Portfolio in the case of default of any securities borrower. Collateral received and securities loaned are marked to market daily to ensure that the securities loaned are secured by collateral. The lending agent currently invests the cash collateral received in Government Money Market Portfolio, an eligible money market vehicle, in accordance with the investment restrictions of the Portfolio, and as approved by the Board. The collateral received on securities loaned is recorded as an asset as well as a corresponding liability in the statement of assets and liabilities. The collateral will be adjusted the next business day to maintain the required collateral amount. The amounts of securities lending income from the borrowers and Government Money Market Portfolio are reflected in the statement of operations. When the Portfolio earns net securities lending income from Government Money Market Portfolio, the income is inclusive of a rebate expense paid to the borrower. In connection with the cash collateral investment by the Portfolio in Government Money Market Portfolio, the Adviser has agreed to waive a portion of the Portfolio's share of the advisory fees of Government Money Market Portfolio, as borne indirectly by the Portfolio as an acquired fund fee and expense. When the Portfolio lends securities, its investment performance will continue to reflect changes in the value of the securities loaned. A principal risk of lending portfolio securities is that the borrower may fail to return the loaned securities upon termination of the loan and that the collateral will not be sufficient to replace the loaned securities.

A summary of the Portfolio's transactions surrounding securities lending for the six months ended June 30, 2019 is as follows:

Market Value of Securities on Loan*	Cash Collateral*	Market Value of Non-Cash Collateral*	Income from Borrowers	Government Money Market Portfolio	
				Income Earned	Advisory Fee Waived
\$31,422,602	\$12,817,236	\$19,273,099	\$—	\$7,730	\$555

\* As of June 30, 2019.

#### NOTE F: Capital Stock

Each class consists of 500,000,000 authorized shares. Transactions in capital shares for each class were as follows:

	SHARES		AMOUNT	
	Six Months Ended June 30, 2019 (unaudited)	Year Ended December 31, 2018	Six Months Ended June 30, 2019 (unaudited)	Year Ended December 31, 2018
<b>Class A</b>				
Shares sold .....	499,946	871,353	\$ 9,401,285	\$ 18,001,497
Shares issued in reinvestment of dividends and distributions .....	—	902,990	—	18,827,338
Shares redeemed .....	(823,840)	(1,440,937)	(15,621,763)	(30,577,505)
Net increase (decrease) .....	<u>(323,894)</u>	<u>333,406</u>	<u>\$ (6,220,478)</u>	<u>\$ 6,251,330</u>
<b>Class B</b>				
Shares sold .....	1,118,750	1,658,064	\$ 20,439,486	\$ 33,516,890
Shares issued in reinvestment of dividends and distributions .....	—	1,790,757	—	36,997,043
Shares redeemed .....	(1,645,159)	(2,929,462)	(31,049,335)	(61,557,434)
Net increase (decrease) .....	<u>(526,409)</u>	<u>519,359</u>	<u>\$ (10,609,849)</u>	<u>\$ 8,956,499</u>

At June 30, 2019, certain shareholders of the Portfolio owned 71% in aggregate of the Portfolio's outstanding shares. Significant transactions by such shareholders, if any, may impact the Portfolio's performance.

#### NOTE G: Risks Involved in Investing in the Portfolio

**Capitalization Risk**—Investments in small- and mid-capitalization companies may be more volatile than investments in large-capitalization companies. Investments in small-capitalization companies may have additional risks because these companies have limited product lines, markets or financial resources.



**Foreign (Non-U.S.) Risk**—Investments in securities of non-U.S. issuers may involve more risk than those of U.S. issuers. These securities may fluctuate more widely in price and may be more difficult to trade or dispose of due to adverse market, economic, political, regulatory or other factors.

**Currency Risk**—Fluctuations in currency exchange rates may negatively affect the value of the Portfolio's investments or reduce its returns.

**Derivatives Risk**—The Portfolio may enter into derivative transactions such as forwards, options, futures and swaps. Derivatives may be illiquid, difficult to price, and leveraged so that small changes may produce disproportionate losses for the Portfolio, and subject to counterparty risk to a greater degree than more traditional investments. Derivatives may result in significant losses, including losses that are far greater than the value of the derivatives reflected on the statement of assets and liabilities.

**Indemnification Risk**—In the ordinary course of business, the Portfolio enters into contracts that contain a variety of indemnifications. The Portfolio's maximum exposure under these arrangements is unknown. However, the Portfolio has not had prior claims or losses pursuant to these indemnification provisions and expects the risk of loss thereunder to be remote. Therefore, the Portfolio has not accrued any liability in connection with these indemnification provisions.

**NOTE H: Joint Credit Facility**

A number of open-end mutual funds managed by the Adviser, including the Portfolio, participate in a \$325 million revolving credit facility (the "Facility") intended to provide short-term financing, if necessary, subject to certain restrictions in connection with abnormal redemption activity. Commitment fees related to the Facility are paid by the participating funds and are included in miscellaneous expenses in the statement of operations. The Portfolio did not utilize the Facility during the six months ended June 30, 2019.

**NOTE I: Distributions to Shareholders**

The tax character of distributions to be paid for the year ending December 31, 2019 will be determined at the end of the current fiscal year. The tax character of distributions paid during the fiscal years ended December 31, 2018 and December 31, 2017 were as follows:

	<u>2018</u>	<u>2017</u>
Distributions paid from:		
Ordinary income .....	\$ 2,075,837	\$ 2,130,190
Net long-term capital gains .....	<u>53,748,544</u>	<u>33,585,178</u>
Total taxable distributions .....	<u>\$55,824,381</u>	<u>\$35,715,368</u>

As of December 31, 2018, the components of accumulated earnings/(deficit) on a tax basis were as follows:

Undistributed ordinary income .....	\$ 7,552,486
Undistributed net capital gain .....	63,609,090
Unrealized appreciation/(depreciation) .....	<u>(1,519,348)(a)</u>
Total accumulated earnings/(deficit) .....	<u>\$69,642,228</u>

(a) The difference between book-basis and tax-basis unrealized appreciation/(depreciation) is attributable primarily to the tax deferral of losses on wash sales.

For tax purposes, net realized capital losses may be carried over to offset future capital gains, if any. Funds are permitted to carry forward capital losses for an indefinite period, and such losses will retain their character as either short-term or long-term capital losses. As of December 31, 2018, the Portfolio did not have any capital loss carryforwards.

**NOTE J: Recent Accounting Pronouncements**

In August 2018, the Financial Accounting Standards Board issued an Accounting Standards Update, ASU 2018-13, Fair Value Measurement (Topic 820), Disclosure Framework—Changes to the Disclosure Requirements for Fair Value Measurement which removes, modifies and adds disclosures to Topic 820. The amendments in this ASU 2018-13 ("ASU") apply to all entities that are required, under existing U.S. GAAP, to make disclosures about recurring or nonrecurring fair value measurements. The amendments in this ASU are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. Management has evaluated the impact of the amendments and elected

## **SMALL/MID CAP VALUE PORTFOLIO**

### **NOTES TO FINANCIAL STATEMENTS**

(continued)

**AB Variable Products Series Fund**

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to early adopt the ASU. The adoption of this ASU did not have a material impact on the disclosure and presentation of the financial statements of the Portfolio.

#### **NOTE K: Subsequent Events**

Management has evaluated subsequent events for possible recognition or disclosure in the financial statements through the date the financial statements are issued. Management has determined that there are no material events that would require disclosure in the Portfolio's financial statements through this date.

# SMALL/MID CAP VALUE PORTFOLIO

## FINANCIAL HIGHLIGHTS

AB Variable Products Series Fund

*Selected Data For A Share Of Capital Stock Outstanding Throughout Each Period*

	CLASS A					
	Six Months Ended June 30, 2019 (unaudited)	Year Ended December 31,				
		2018	2017	2016	2015	2014
Net asset value, beginning of period .....	\$16.93	\$21.68	\$20.29	\$17.29	\$21.95	\$22.89
<b><u>Income From Investment Operations</u></b>						
Net investment income (a) .....	.10(b)	.13(b)	.10(b)	.10(b)†	.11	.17
Net realized and unrealized gain (loss) on investment transactions .....	2.27	(3.04)	2.41	4.09	(1.11)	1.82
Net increase (decrease) in net asset value from operations .....	2.37	(2.91)	2.51	4.19	(1.00)	1.99
<b><u>Less: Dividends and Distributions</u></b>						
Dividends from net investment income .....	—0—	(.11)	(.09)	(.11)	(.17)	(.17)
Distributions from net realized gain on investment transactions .....	—0—	(1.73)	(1.03)	(1.08)	(3.49)	(2.76)
Total dividends and distributions .....	—0—	(1.84)	(1.12)	(1.19)	(3.66)	(2.93)
Net asset value, end of period .....	\$19.30	\$16.93	\$21.68	\$20.29	\$17.29	\$21.95
<b><u>Total Return</u></b>						
Total investment return based on net asset value (c)* .....	14.00%	(15.03)%	13.15%	25.09%†	(5.49)%	9.20%
<b><u>Ratios/Supplemental Data</u></b>						
Net assets, end of period (000's omitted) .....	\$208,134	\$188,052	\$233,652	\$231,197	\$191,388	\$211,680
Ratio to average net assets of:						
Expenses, net of waivers/ reimbursements .....	.82%^	.81%	.81%	.82%	.82%	.82%
Expenses, before waivers/ reimbursements .....	.82%^	.81%	.82%	.83%	.82%	.82%
Net investment income .....	1.06%(b)^	.61%(b)	.47%(b)	.53%(b)†	.56%	.75%
Portfolio turnover rate .....	17%	39%	33%	57%	42%	45%

See footnote summary on page 18.

# SMALL/MID CAP VALUE PORTFOLIO

## FINANCIAL HIGHLIGHTS

(continued)

AB Variable Products Series Fund

### Selected Data For A Share Of Capital Stock Outstanding Throughout Each Period

	CLASS B					
	Six Months Ended June 30, 2019 (unaudited)	Year Ended December 31,				
		2018	2017	2016	2015	2014
Net asset value, beginning of period .....	\$16.75	\$21.48	\$20.12	\$17.15	\$21.79	\$22.74
<b><u>Income From Investment Operations</u></b>						
Net investment income (a) .....	.07(b)	.07(b)	.05(b)	.05(b)†	.06	.11
Net realized and unrealized gain (loss) on investment transactions .....	2.26	(3.02)	2.39	4.06	(1.09)	1.81
Net increase (decrease) in net asset value from operations .....	2.33	(2.95)	2.44	4.11	(1.03)	1.92
<b><u>Less: Dividends and Distributions</u></b>						
Dividends from net investment income .....	—0—	(.05)	(.05)	(.06)	(.12)	(.11)
Distributions from net realized gain on investment transactions .....	—0—	(1.73)	(1.03)	(1.08)	(3.49)	(2.76)
Total dividends and distributions .....	—0—	(1.78)	(1.08)	(1.14)	(3.61)	(2.87)
Net asset value, end of period .....	\$19.08	\$16.75	\$21.48	\$20.12	\$17.15	\$21.79
<b><u>Total Return</u></b>						
Total investment return based on net asset value (c)* .....	13.91%	(15.29)%	12.85%	24.79%†	(5.69)%	8.95%
<b><u>Ratios/Supplemental Data</u></b>						
Net assets, end of period (000's omitted) .....	\$416,871	\$374,941	\$469,501	\$455,422	\$386,875	\$447,378
Ratio to average net assets of:						
Expenses, net of waivers/ reimbursements .....	1.07%^	1.06%	1.06%	1.07%	1.07%	1.07%
Expenses, before waivers/ reimbursements .....	1.07%^	1.06%	1.07%	1.08%	1.07%	1.07%
Net investment income .....	.81%(b)^	.36%(b)	.22%(b)	.28%(b)†	.31%	.49%
Portfolio turnover rate .....	17%	39%	33%	57%	42%	45%

(a) Based on average shares outstanding.

(b) Net of expenses waived/reimbursed by the Adviser.

(c) Total investment return is calculated assuming an initial investment made at the net asset value at the beginning of the period, reinvestment of all dividends and distributions at net asset value during the period, and redemption on the last day of the period. Total return does not reflect (i) insurance company's separate account related expense charges and (ii) the deductions of taxes that a shareholder would pay on Portfolio distributions or the redemption of Portfolio shares. Total investment return calculated for a period of less than one year is not annualized.

† For the year ended December 31, 2016, the amount includes a refund for overbilling of prior years' custody out of pocket fees as follows:

Net Investment Income Per Share	Net Investment Income Ratio	Total Return
\$.001	.003%	.003%

\* Includes the impact of proceeds received and credited to the Portfolio resulting from class action settlements, which enhanced the Portfolio's performance for the years ended December 31, 2018 and December 31, 2017 by .07% and .11%, respectively.

^ Annualized.

See notes to financial statements.

## **SMALL/MID CAP VALUE PORTFOLIO**

### **CONTINUANCE DISCLOSURE**

#### **AB Variable Products Series Fund**

#### **INFORMATION REGARDING THE REVIEW AND APPROVAL OF THE FUND'S PROPOSED NEW ADVISORY AGREEMENTS AND INTERIM ADVISORY AGREEMENT IN THE CONTEXT OF POTENTIAL ASSIGNMENTS**

As described in more detail in the Proxy Statement for AB Variable Products Series Fund, Inc. (the "Company") dated August 20, 2018, the Board of the Company, at a meeting held on July 31-August 2, 2018, approved new advisory agreements with the Adviser (the "Proposed Agreements") in respect of each fund organized as a series of the Company (the "Funds"), including AB Small/Mid Cap Value Portfolio (the "Fund"), in connection with the planned disposition by AXA S.A. of its remaining shares of AXA Equitable Holdings, Inc. (the indirect holder of a majority of the partnership interests in the Adviser and the indirect parent of AllianceBernstein Corporation, the general partner of the Adviser) in one or more transactions and the related potential for one or more "assignments" (within the meaning of section 2(a)(4) of the Investment Company Act) of the advisory agreements for the Company in respect of the Funds, including the Fund, resulting in the automatic termination of such advisory agreements.

At the same meeting, the Board also considered and approved an interim advisory agreement with the Adviser (the "Interim Advisory Agreement") for the Company in respect of the Funds, including the Fund, to be effective only in the event that stockholder approval of the Proposed Agreements had not been obtained as of the date of one or more transactions resulting in an "assignment" of the Adviser's advisory agreements, resulting in the automatic termination of such advisory agreements.

The shareholders of the Fund subsequently approved the Proposed Agreements at an annual meeting of shareholders called for the purpose of electing Directors and voting on the Proposed Agreements.

A discussion regarding the basis for the Board's approvals at the meeting held on July 31-August 2, 2018 is set forth below.

At a meeting of the Board held on July 31-August 2, 2018, the Adviser presented its recommendation that the Board consider and approve the Proposed Agreement in respect of each Fund. Section 15(c) of the 1940 Act provides that, after an initial period, a Fund's Current Agreement will remain in effect only if the Board, including a majority of the Independent Directors, annually reviews and approves it. The Current Agreement in respect of each Fund had been approved by the Board within the one-year period prior to approval of the Proposed Agreement in respect of each Fund. In connection with their approval of the Proposed Agreement in respect of each Fund, the Board considered its conclusions in connection with its most recent approval of the Current Agreement, in particular in cases where the last approval of the Current Agreement in respect of a Fund was relatively recent, including the Board's general satisfaction with the nature and quality of services being provided and, as applicable, in the case of certain Funds, actions taken or to be taken in an effort to improve investment performance or reduce expense ratios. The Directors also reviewed updated information provided by the Adviser in respect of each Fund. Also in connection with their approval of the Proposed Agreement, the Board considered a representation made to them at that time by the Adviser that there were no additional developments not already disclosed to the Board since its most recent approval of the Current Agreement in respect of a Fund that would be a material consideration to the Board in connection with its consideration of the Proposed Agreement, except for matters disclosed to the Board by the Adviser. The Directors considered the fact that the Proposed Agreement would have corresponding terms and conditions identical to those of the Current Agreement with the exception of the effective date and initial term under the Proposed Agreement.

The Directors considered their knowledge of the nature and quality of the services provided by the Adviser to each Fund gained from their experience as directors or trustees of registered investment companies advised by the Adviser, their overall confidence in the Adviser's integrity and competence they have gained from that experience, the Adviser's initiative in identifying and raising potential issues with the Directors and its responsiveness, frankness and attention to concerns raised by the Directors in the past, including the Adviser's willingness to consider and implement organizational and operational changes designed to improve investment results and the services provided to the Funds. The Directors noted that they have four regular meetings each year, at each of which they review extensive materials and information from the Adviser, including information on the investment performance of each Fund.

The Directors also considered all factors they believed relevant, including the specific matters discussed below. During the course of their deliberations, the Directors evaluated, among other things, the reasonableness of the management fees of the Funds they oversee. The Directors did not identify any particular information that was all-important or controlling, and different Directors may have attributed different weights to the various factors. The Directors determined that the selection of the Adviser to manage the Funds, and the overall arrangements between the Funds and the Adviser, as provided in the Proposed Agreement, including the management fees, were fair and reasonable in light of the services performed under the

# SMALL/MID CAP VALUE PORTFOLIO

## CONTINUANCE DISCLOSURE

(continued)

AB Variable Products Series Fund

Current Agreement and to be performed under the Proposed Agreement, expenses incurred and to be incurred and such other matters as the Directors considered relevant in the exercise of their business judgment. The material factors and conclusions that formed the basis for the Directors' determinations included the following:

### **Nature, Extent and Quality of Services Provided**

The Directors considered the scope and quality of services to be provided by the Adviser under the Proposed Agreement, including the quality of the investment research capabilities of the Adviser and the other resources it has dedicated to performing services for the Funds. They also considered the information that had been provided to them by the Adviser concerning the anticipated implementation of the Plan and the Adviser's representation that it did not anticipate that such implementation would affect the management or structure of the Adviser, have a material adverse effect on the Adviser, or adversely affect the quality of the services provided to the Funds by the Adviser and its affiliates. The Directors noted that the Adviser from time to time reviews each Fund's investment strategies and from time to time proposes changes intended to improve the Fund's relative or absolute performance for the Directors' consideration. They also noted the professional experience and qualifications of each Fund's portfolio management team and other senior personnel of the Adviser. The Directors also considered that the Proposed Agreement, similar to the Current Agreement, provides that the Funds will reimburse the Adviser for the cost to it of providing certain clerical, accounting, administrative and other services to the Funds by employees of the Adviser or its affiliates. Requests for these reimbursements are made on a quarterly basis and subject to approval by the Directors. The Directors noted that the Adviser did not request any reimbursements from certain Funds in the Fund's latest fiscal year reviewed. The Directors noted that the methodology to be used to determine the reimbursement amounts had been reviewed by an independent consultant retained by the Funds' former Senior Officer/Independent Compliance Officer. The quality of administrative and other services, including the Adviser's role in coordinating the activities of the Funds' other service providers, also was considered. The Directors concluded that, overall, they were satisfied with the nature, extent and quality of services to be provided to the Funds under the Proposed Agreement.

### **Costs of Services to be Provided and Profitability**

The Directors reviewed a schedule of the revenues and expenses and related notes indicating the profitability of each Fund to the Adviser for calendar years 2016 and 2017, as applicable, that had been prepared with an expense allocation methodology arrived at in consultation with an independent consultant retained by the Funds' former Senior Officer/Independent Compliance Officer. The Directors noted the assumptions and methods of allocation used by the Adviser in preparing fund-specific profitability data and understood that there are a number of potentially acceptable allocation methodologies for information of this type. The Directors noted that the profitability information reflected all revenues and expenses of the Adviser's relationship with a Fund, including those relating to its subsidiaries that provide transfer agency, distribution and brokerage services to the Fund, as applicable. The Directors recognized that it is difficult to make comparisons of the profitability of the Proposed Agreement with the profitability of fund advisory contracts for unaffiliated funds because comparative information is not generally publicly available and is affected by numerous factors. The Directors focused on the profitability of the Adviser's relationship with each Fund before taxes and distribution expenses. The Directors noted that certain Funds were not profitable to the Adviser in one or more periods reviewed. The Directors concluded that the Adviser's level of profitability from its relationship with the other Funds was not unreasonable.

### **Fall-Out Benefits**

The Directors considered the other benefits to the Adviser and its affiliates from their relationships with the Funds, including, but not limited to, as applicable, benefits relating to soft dollar arrangements (whereby investment advisers receive brokerage and research services from brokers that execute agency transactions for their clients) in the case of certain Funds; 12b-1 fees and sales charges received by the principal underwriter (which is a wholly owned subsidiary of the Adviser) in respect of the Class B shares of the Funds; brokerage commissions paid by certain Funds to brokers affiliated with the Adviser; and transfer agency fees paid by the Funds to a wholly owned subsidiary of the Adviser. The Directors recognized that the Adviser's profitability would be somewhat lower, and that a Fund's unprofitability to the Adviser would be exacerbated, without these benefits. The Directors understood that the Adviser also might derive reputational and other benefits from its association with the Funds.

### **Investment Results**

In addition to the information reviewed by the Directors in connection with the Board meeting at which the Proposed Agreement was approved, the Directors receive detailed performance information for the Funds at each regular Board meeting during the year.



The Board's consideration of the Proposed Agreement was informed by their most recent approval of the Current Agreement, and, in the case of certain Funds, their discussion with the Adviser of the reasons for those Funds' underperformance in certain periods. The Directors also reviewed updated performance information and, in some cases, discussed with the Adviser the reasons for changes in performance or continued underperformance. On the basis of this review, the Directors concluded that each Fund's investment performance was acceptable.

**Management Fees and Other Expenses**

The Directors considered the management fee rate payable by each Fund to the Adviser and information prepared by an independent service provider (the "15(c) provider") concerning management fee rates payable by other funds in the same category as the Fund. The Directors recognized that it is difficult to make comparisons of management fees because there are variations in the services that are included in the fees paid by other funds. The Directors compared each Fund's contractual management fee rate with a peer group median, and where applicable, took into account the impact on the management fee rate of the administrative expense reimbursement paid to the Adviser in the latest fiscal year.

The Directors also considered the Adviser's fee schedule for other clients pursuing a similar investment style to each Fund. For this purpose, they reviewed the relevant advisory fee information from the Adviser's Form ADV and in a report from the Funds' Senior Analyst and noted the differences between a Fund's fee schedule, on the one hand, and the Adviser's institutional fee schedule and the schedule of fees charged by the Adviser to any offshore funds and for services to any sub-advised funds pursuing a similar investment strategy as the Fund, on the other, as applicable. The Directors noted that the Adviser may, in some cases, agree to fee rates with large institutional clients that are lower than those reviewed by the Directors and that they had previously discussed with the Adviser its policies in respect of such arrangements. The Adviser also informed the Directors that, in the case of certain Funds, there were no institutional products managed by the Adviser that have a substantially similar investment style. The Directors also discussed these matters with their independent fee consultant.

The Adviser reviewed with the Directors the significantly greater scope of the services it provides to each Fund relative to institutional, offshore fund and sub-advised fund clients, as applicable. In this regard, the Adviser noted, among other things, that, compared to institutional and offshore or sub-advisory accounts, each Fund, as applicable, (i) demands considerably more portfolio management, research and trading resources due to significantly higher daily cash flows; (ii) has more tax and regulatory restrictions and compliance obligations; (iii) must prepare and file or distribute regulatory and other communications about fund operations; and (iv) must provide shareholder servicing to retail investors. The Adviser also reviewed the greater legal risks presented by the large and changing population of Fund stockholders who may assert claims against the Adviser in individual or class actions, and the greater entrepreneurial risk in offering new fund products, which require substantial investment to launch, may not succeed, and generally must be priced to compete with larger, more established funds resulting in lack of profitability to the Adviser until a new fund achieves scale. In light of the substantial differences in services rendered by the Adviser to institutional, offshore fund and sub-advised fund clients as compared to the Funds, and the different risk profile, the Directors considered these fee comparisons inapt and did not place significant weight on them in their deliberations.

The Directors noted that certain of the Funds may invest in shares of exchange-traded funds ("ETFs"), subject to the restrictions and limitations of the 1940 Act as these may be varied as a result of exemptive orders issued by the SEC. The Directors also noted that ETFs pay advisory fees pursuant to their advisory contracts. The Directors concluded, based on the Adviser's explanation of how it uses ETFs when they are the most cost-effective way to obtain desired exposures, in some cases pending purchases of underlying securities, that each Fund's management fee would be for services that would be in addition to, rather than duplicative of, the services provided under the advisory contracts of the ETFs.

With respect to each Fund's management fee, the Directors considered the total expense ratios of the Fund in comparison to a peer group and peer universe selected by the 15(c) service provider. The Directors also considered the Adviser's expense caps for certain Funds. The Directors view expense ratio information as relevant to their evaluation of the Adviser's services because the Adviser is responsible for coordinating services provided to a Fund by others.

The Board's consideration of the Proposed Agreement was informed by their most recent approval of the Current Agreement, and, in the case of certain Funds, their discussion with the Adviser of the reasons for those Funds' expense ratios in certain periods. The Directors also reviewed updated expense ratio information and, in some cases, discussed with the Adviser the reasons for the expense ratios of certain Funds. On the basis of this review, the Directors concluded that each Fund's expense ratio was acceptable.

## **SMALL/MID CAP VALUE PORTFOLIO CONTINUANCE DISCLOSURE**

(continued)

**AB Variable Products Series Fund**

### **Economies of Scale**

The Directors noted that the management fee schedules for certain Funds do not contain breakpoints and that they had discussed their strong preference for breakpoints in advisory contracts with the Adviser. The Directors took into consideration prior presentations by an independent consultant on economies of scale in the mutual fund industry and for the Funds, and by the Adviser concerning certain of its views on economies of scale. The Directors also had requested and received from the Adviser certain updates on economies of scale in advance of the Board meeting. The Directors believe that economies of scale may be realized (if at all) by the Adviser across a variety of products and services, and not only in respect of a single fund. The Directors noted that there is no established methodology for setting breakpoints that give effect to the fund-specific services provided by a fund's adviser and to the economies of scale that an adviser may realize in its overall mutual fund business or those components of it which directly or indirectly affect a fund's operations. The Directors observed that in the mutual fund industry as a whole, as well as among funds similar to each Fund, there is no uniformity or pattern in the fees and asset levels at which breakpoints (if any) apply. The Directors also noted that the advisory agreements for many funds do not have breakpoints at all.

The Directors informed the Adviser that they would monitor the asset levels of the Funds without breakpoints and their profitability to the Adviser and anticipated revisiting the question of breakpoints in the future if circumstances warrant doing so.

### **Interim Advisory Agreement**

In approving the Interim Advisory Agreement, the Board with the assistance of independent counsel, considered similar factors to those considered in approving the Proposed Agreement. The Interim Advisory Agreement approved by the Board is identical to the Proposed Agreement, as well as the Current Agreement, in all material respects except for its proposed effective and termination dates and provisions intended to comply with the requirements of the relevant SEC rule, such as provisions requiring escrow of advisory fees. Under the Interim Advisory Agreement, the Adviser would continue to manage a Fund pursuant to the Interim Advisory Agreement until a new advisory agreement was approved by stockholders or until the end of the 150-day period, whichever would occur earlier. All fees earned by the Adviser under the Interim Advisory Agreement would be held in escrow pending stockholder approval of the Proposed Agreement. Upon approval of a new advisory agreement by stockholders, the escrowed management fees would be paid to the Adviser, and the Interim Advisory Agreement would terminate.

### **INFORMATION REGARDING THE REVIEW AND APPROVAL OF THE FUND'S CURRENT ADVISORY AGREEMENT**

The disinterested directors (the "directors") of AB Variable Products Series Fund, Inc. (the "Company") unanimously approved the continuance of the Company's Advisory Agreement with the Adviser in respect of AB Small/Mid Cap Value Portfolio (the "Fund") at a meeting held on May 7-9, 2019 (the "Meeting").

Prior to approval of the continuance of the Advisory Agreement, the directors had requested from the Adviser, and received and evaluated, extensive materials. They reviewed the proposed continuance of the Advisory Agreement with the Adviser and with experienced counsel who are independent of the Adviser, who advised on the relevant legal standards. The directors also reviewed additional materials, including comparative analytical data prepared by the Senior Analyst for the Fund. The directors also discussed the proposed continuance in private sessions with counsel.

The directors considered their knowledge of the nature and quality of the services provided by the Adviser to the Fund gained from their experience as directors or trustees of most of the registered investment companies advised by the Adviser, their overall confidence in the Adviser's integrity and competence they have gained from that experience, the Adviser's initiative in identifying and raising potential issues with the directors and its responsiveness, frankness and attention to concerns raised by the directors in the past, including the Adviser's willingness to consider and implement organizational and operational changes designed to improve investment results and the services provided to the AB Funds. The directors noted that they have four regular meetings each year, at each of which they review extensive materials and information from the Adviser, including information on the investment performance of the Fund.

The directors also considered all factors they believed relevant, including the specific matters discussed below. During the course of their deliberations, the directors evaluated, among other things, the reasonableness of the advisory fee. The directors did not identify any particular information that was all-important or controlling, and different directors may have attributed different weights to the various factors. The directors determined that the selection of the Adviser to manage the Fund and the overall arrangements between the Fund and the Adviser, as provided in the Advisory Agreement, including the



advisory fee, were fair and reasonable in light of the services performed, expenses incurred and such other matters as the directors considered relevant in the exercise of their business judgment. The material factors and conclusions that formed the basis for the directors' determinations included the following:

**Nature, Extent and Quality of Services Provided**

The directors considered the scope and quality of services provided by the Adviser under the Advisory Agreement, including the quality of the investment research capabilities of the Adviser and the other resources it has dedicated to performing services for the Fund. The directors noted that the Adviser from time to time reviews the Fund's investment strategies and from time to time proposes changes intended to improve the Fund's relative or absolute performance for the directors' consideration. They also noted the professional experience and qualifications of the Fund's portfolio management team and other senior personnel of the Adviser. The directors also considered that the Advisory Agreement provides that the Fund will reimburse the Adviser for the cost to it of providing certain clerical, accounting, administrative and other services to the Fund by employees of the Adviser or its affiliates. Requests for these reimbursements are made on a quarterly basis and subject to approval by the directors. Reimbursements, to the extent requested and paid, result in a higher rate of total compensation from the Fund to the Adviser than the fee rate stated in the Advisory Agreement. The directors noted that the methodology used to determine the reimbursement amounts had been reviewed by an independent consultant retained by the Fund's former Senior Officer/Independent Compliance Officer. The quality of administrative and other services, including the Adviser's role in coordinating the activities of the Fund's other service providers, also was considered. The directors concluded that, overall, they were satisfied with the nature, extent and quality of services provided to the Fund under the Advisory Agreement.

**Costs of Services Provided and Profitability**

The directors reviewed a schedule of the revenues and expenses and related notes indicating the profitability of the Fund to the Adviser for calendar years 2017 and 2018 that had been prepared with an expense allocation methodology arrived at in consultation with an independent consultant retained by the Fund's former Senior Officer/Independent Compliance Officer. The directors noted the assumptions and methods of allocation used by the Adviser in preparing fund-specific profitability data and understood that there are a number of potentially acceptable allocation methodologies for information of this type. The directors noted that the profitability information reflected all revenues and expenses of the Adviser's relationship with the Fund, including those relating to its subsidiaries that provide transfer agency, distribution and brokerage services to the Fund. The directors recognized that it is difficult to make comparisons of the profitability of the Advisory Agreement with the profitability of advisory contracts for unaffiliated funds because comparative information is not generally publicly available and is affected by numerous factors. The directors focused on the profitability of the Adviser's relationship with the Fund before taxes and distribution expenses. The directors concluded that the Adviser's level of profitability from its relationship with the Fund was not unreasonable.

**Fall-Out Benefits**

The directors considered the other benefits to the Adviser and its affiliates from their relationships with the Fund and the underlying fund advised by the Adviser in which the Fund invests, including, but not limited to, benefits relating to soft dollar arrangements (whereby investment advisers receive brokerage and research services from brokers that execute agency transactions for their clients); 12b-1 fees and sales charges received by the Fund's principal underwriter (which is a wholly owned subsidiary of the Adviser) in respect of the Fund's Class B shares; brokerage commissions paid by the Fund to brokers affiliated with the Adviser; and transfer agency fees paid by the Fund to a wholly owned subsidiary of the Adviser. The directors recognized that the Adviser's profitability would be somewhat lower without these benefits. The directors understood that the Adviser also might derive reputational and other benefits from its association with the Fund.

**Investment Results**

In addition to the information reviewed by the directors in connection with the Meeting, the directors receive detailed performance information for the Fund at each regular Board meeting during the year.

At the Meeting, the directors reviewed performance information prepared by an independent service provider (the "15(c) service provider"), showing the performance of the Class A Shares of the Fund against a group of similar funds ("peer group") and a larger group of similar funds ("peer universe"), each selected by the 15(c) service provider, and information prepared by the Adviser showing performance of the Class A Shares against a broad-based securities market index, in each case for the 1-, 3-, 5- and 10-year periods ended February 28, 2019 and (in the case of comparisons with the broad-based securities market index) for the period from inception. Based on their review, the directors concluded that the Fund's investment performance was acceptable.

# SMALL/MID CAP VALUE PORTFOLIO

## CONTINUANCE DISCLOSURE

(continued)

AB Variable Products Series Fund

### Advisory Fees and Other Expenses

The directors considered the advisory fee rate payable by the Fund to the Adviser and information prepared by the 15(c) service provider concerning advisory fee rates payable by other funds in the same category as the Fund. The directors recognized that it is difficult to make comparisons of advisory fees because there are variations in the services that are included in the fees paid by other funds. The directors compared the Fund's contractual effective advisory fee rate with a peer group median and noted that it was above the median. The directors also took into account the impact on the advisory fee rate of the administrative expense reimbursement paid to the Adviser in the latest fiscal year.

The directors also considered the Adviser's fee schedule for other clients pursuing an investment strategy similar to the Fund's. For this purpose, they reviewed the relevant advisory fee information from the Adviser's Form ADV and in a report from the Fund's Senior Analyst and noted the differences between the Fund's fee schedule, on the one hand, and the Adviser's institutional fee schedule and the schedule of fees charged by the Adviser to any offshore funds and for services to any sub-advised funds pursuing an investment strategy similar to the Fund's, on the other. The directors noted that the Adviser may, in some cases, agree to fee rates with large institutional clients that are lower than those reviewed by the directors and that they had previously discussed with the Adviser its policies in respect of such arrangements. The directors previously discussed these matters with an independent fee consultant. The directors also compared the advisory fee rate for the Fund with that for another fund advised by the Adviser with a similar investment strategy.

The Adviser reviewed with the directors the significantly greater scope of the services it provides to the Fund relative to institutional, offshore fund and sub-advised fund clients. In this regard, the Adviser noted, among other things, that, compared to institutional and offshore or sub-advisory accounts, the Fund (i) demands considerably more portfolio management, research and trading resources due to significantly higher daily cash flows; (ii) has more tax and regulatory restrictions and compliance obligations; (iii) must prepare and file or distribute regulatory and other communications about fund operations; and (iv) must provide shareholder servicing to retail investors. The Adviser also reviewed the greater legal risks presented by the large and changing population of Fund shareholders who may assert claims against the Adviser in individual or class actions, and the greater entrepreneurial risk in offering new fund products, which require substantial investment to launch, may not succeed, and generally must be priced to compete with larger, more established funds resulting in lack of profitability to the Adviser until a new fund achieves scale. In light of the substantial differences in services rendered by the Adviser to institutional, offshore fund and sub-advised fund clients as compared to the Fund, and the different risk profile, the directors considered these fee comparisons inapt and did not place significant weight on them in their deliberations.

In connection with their review of the Fund's advisory fee, the directors also considered the total expense ratio of the Class A shares of the Fund in comparison to a peer group and a peer universe selected by the 15(c) service provider. The Class A expense ratio of the Fund was based on the Fund's latest fiscal year and the directors considered the Adviser's expense cap for the Fund (although the directors noted that the Fund's expense ratio was currently below the Adviser's expense cap). The directors noted that it was likely that the expense ratios of some of the other funds in the Fund's category were lowered by waivers or reimbursements by those funds' investment advisers, which in some cases might be voluntary or temporary. The directors view expense ratio information as relevant to their evaluation of the Adviser's services because the Adviser is responsible for coordinating services provided to the Fund by others. Based on their review, the directors concluded that the Fund's expense ratio was acceptable.

### Economies of Scale

The directors noted that the advisory fee schedule for the Fund contains breakpoints that reduce the fee rates on assets above specified levels. The directors took into consideration prior presentations by an independent consultant on economies of scale in the mutual fund industry and for the AB Funds, and presentations from time to time by the Adviser concerning certain of its views on economies of scale. The directors also previously discussed economies of scale with an independent fee consultant. The directors also had requested and received from the Adviser certain updates on economies of scale in advance of the Meeting. The directors believe that economies of scale may be realized (if at all) by the Adviser across a variety of products and services, and not only in respect of a single fund. The directors noted that there is no established methodology for setting breakpoints that give effect to the fund-specific services provided by a fund's adviser and to the economies of scale that an adviser may realize in its overall mutual fund business or those components of it which directly or indirectly affect a fund's operations. The directors observed that in the mutual fund industry as a whole, as well as among funds similar to the Fund, there is no uniformity or pattern in the fees and asset levels at which breakpoints (if any) apply. The directors also noted that the advisory agreements for many funds do not have breakpoints at all. Having taken these factors into account, the directors concluded that the Fund's shareholders would benefit from a sharing of economies of scale in the event the Fund's net assets exceed a breakpoint in the future.

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