



ANNUAL REPORT

AB VARIABLE PRODUCTS SERIES FUND, INC.

+LARGE CAP GROWTH PORTFOLIO

Investment Products Offered

- 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 or go to the Securities and Exchange Commission's (the "Commission") website at 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. The Fund's portfolio holdings reports are available on the Commission's website at www.sec.gov. The Fund's portfolio holdings reports 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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LETTER TO INVESTORS

February 14, 2019

The following is an update of AB Variable Products Series Fund—Large Cap Growth Portfolio (the “Portfolio”) for the annual reporting period ended December 31, 2018.

INVESTMENT OBJECTIVE AND POLICIES

The Portfolio’s investment objective is long-term growth of capital. The Portfolio invests primarily in equity securities of a limited number of large, carefully selected, high-quality US companies. The Portfolio invests primarily in the domestic equity securities of companies selected by the Adviser for their growth potential within various market sectors. The Portfolio emphasizes investments in large, seasoned companies. Under normal circumstances, the Portfolio will invest at least 80% of its net assets in common stocks of large-capitalization companies.

The Adviser expects that normally the Portfolio’s portfolio will tend to emphasize investments in securities issued by US companies, although it may invest in foreign securities. The Adviser’s research focus is on companies with high sustainable growth prospects, high or improving return on invested capital, transparent business models, and strong and lasting competitive advantages.

The Portfolio may, at times, invest in shares of exchange-traded funds (“ETFs”) in lieu of making direct investments in securities. ETFs may provide more efficient and economical exposure to the types of companies and geographic locations in which the Portfolio seeks to invest than direct investments.

The Portfolio may enter into derivatives transactions, such as options, futures contracts, forwards and swaps. The Portfolio may use options strategies involving the purchase and/or writing of various combinations of call and/or put options, including on individual securities and stock indices, futures contracts (including futures contracts on individual securities and stock indices) or shares of ETFs. These transactions may be used, for example, in an effort to earn extra income, to adjust exposure to individual securities or markets, or to protect all or a portion of the Portfolio’s portfolio from a decline in value, sometimes within certain ranges.

INVESTMENT RESULTS

The table on page 3 shows the Portfolio’s performance compared to its benchmark, the Russell 1000 Growth Index, in addition to the broad market as measured by the Standard & Poor’s (“S&P”) 500 Index, for the one-, five- and 10-year periods ended December 31, 2018.

All share classes of the Portfolio outperformed the primary benchmark and the S&P 500 Index for the annual period. Stock selection in the health care, technology and industrials sectors contributed to performance, relative to the benchmark. Stock selection in the consumer-discretionary and consumer-staples sectors, along with an underweight to the consumer-discretionary sector, detracted.

The Portfolio did not utilize derivatives during the annual period.

MARKET REVIEW AND INVESTMENT STRATEGY

Global equities ended 2018 in negative territory, marking one of the worst years for the stock market in a decade. Despite a relatively strong start to the year and US stock indices reaching record highs, volatility spiked toward the end of the period as investors worried about the outlook for corporate earnings growth amid a more challenging global growth environment, and as the benefits of tax reform roll off. The US Federal Reserve raised rates four times during the period as expected, but softened its tone in December, and signaled that it might slow its pace of rate hikes in 2019. An upsurge in geopolitical uncertainty regarding Brexit and budget discussions between Italy and the European Union sparked a flight to quality in the region. Slowing Chinese growth and continuing US-China trade tensions dampened investor sentiment in China toward the end of the period. In the US, growth stocks outperformed value stocks, in terms of style, and large-cap stocks outperformed their small-cap peers.

The Portfolio’s Senior Investment Management Team (the “Team”) follows a bottom-up stock picking methodology that seeks to identify companies that meet its investment criteria of healthy balance sheets, competitive advantages, strong cash flow generation, transparent business models and sustainable growth. The Portfolio is conservatively positioned amid the current uncertainty in the global macro environment. The Team remains laser-focused in identifying companies that generate high return on assets with high reinvestment rate opportunities.

LARGE CAP GROWTH PORTFOLIO

DISCLOSURES AND RISKS

AB Variable Products Series Fund

Benchmark Disclosure

The Russell 1000[®] Growth Index and the S&P 500[®] Index are unmanaged and do not reflect fees and expenses associated with the active management of a mutual fund portfolio. The Russell 1000 Growth Index represents the performance of large-cap growth companies within the US. The S&P 500 Index includes 500 US stocks and is a common representation of the performance of the overall US stock market. An investor cannot invest directly in an index, and its results are not indicative of the performance for any specific investment, including the Portfolio.

A Word About Risk

Market Risk: The value of the Portfolio's assets will fluctuate as the stock or bond market fluctuates. The value of its investments may decline, sometimes rapidly and unpredictably, simply because of economic changes or other events that affect large portions of the market. It includes the risk that a particular style of investing, such as the Portfolio's growth approach, may underperform the market generally.

Focused Portfolio Risk: Investments in a limited number of companies may have more risk because changes in the value of a single security may have a more significant effect, either negative or positive, on the Portfolio's net asset value ("NAV").

Foreign (Non-US) Risk: Investments in securities of non-US issuers may involve more risk than those of US issuers. These securities may fluctuate more widely in price and may be less liquid due to adverse market, economic, political, regulatory or other factors.

Derivatives Risk: Derivatives may be illiquid, difficult to price, and leveraged so that small changes may produce disproportionate losses for the Portfolio, and may be subject to counterparty risk to a greater degree than more traditional investments.

Management Risk: The Portfolio is subject to management risk because it is an actively managed investment fund. The Adviser will apply its investment techniques and risk analyses in making investment decisions for the Portfolio, but there is no guarantee that its techniques will produce the intended results.

These risks are fully discussed in the Variable Products prospectus. As with all investments, you may lose money by investing in the Portfolio.

An Important Note About Historical Performance

The investment return and principal value of an investment in the Portfolio will fluctuate, so that shares, when redeemed, may be worth more or less than their original cost. Performance shown in this report represents past performance and does not guarantee future results. Current performance may be lower or higher than the performance information shown. Please contact your financial advisor or insurance agent representative at your financial institution to obtain portfolio performance information current to the most recent month end.

Investors should consider the investment objectives, risks, charges and expenses of the Portfolio carefully before investing. For additional copies of the Portfolio's prospectus or summary prospectus, which contains this and other information, call your financial advisor or (800) 227 4618. Please read the prospectus and/or summary prospectus carefully before investing.

All fees and expenses related to the operation of the Portfolio have been deducted, but no adjustment has been made for insurance company separate account or annuity contract charges, which would reduce total return to a contract owner. Performance assumes reinvestment of distributions and does not account for taxes.

There are additional fees and expenses associated with all Variable Products. These fees can include mortality and expense risk charges, administrative charges, and other charges that can significantly reduce investment returns. Those fees and expenses are not reflected in this annual report. You should consult your Variable Products prospectus for a description of those fees and expenses and speak to your insurance agent or financial representative if you have any questions. You should read the prospectus before investing or sending money.

LARGE CAP GROWTH PORTFOLIO

HISTORICAL PERFORMANCE

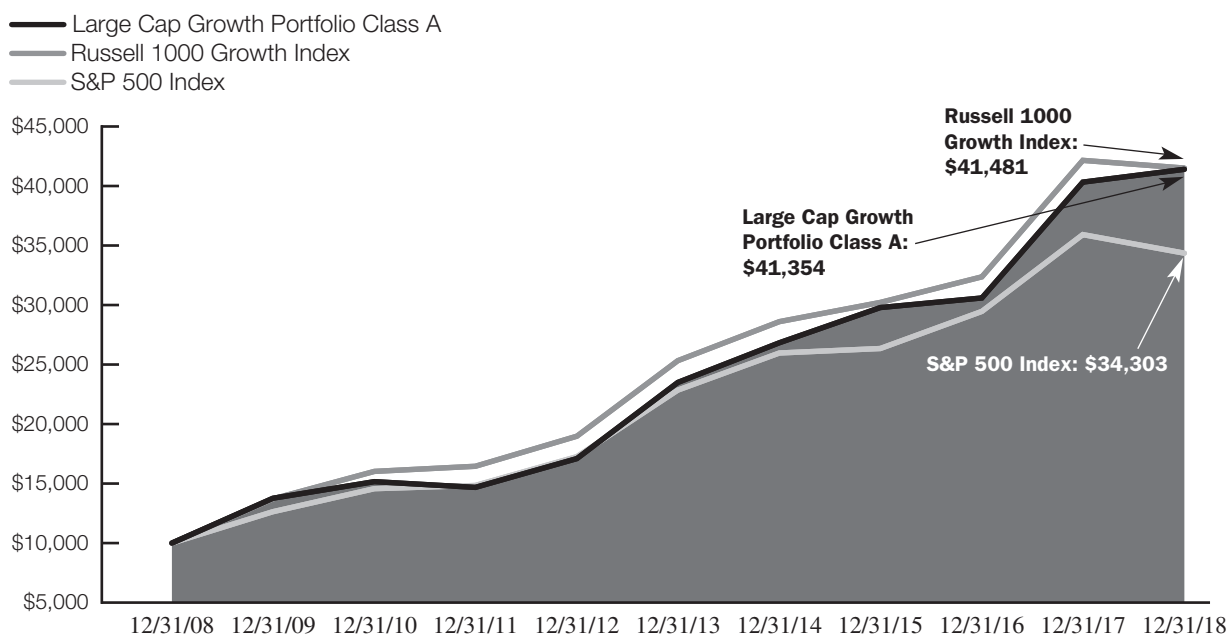
AB Variable Products Series Fund

THE PORTFOLIO VS. ITS BENCHMARKS PERIODS ENDED DECEMBER 31, 2018 (unaudited)	Net Asset Value Returns		
	1 Year	5 Years ¹	10 Years ¹
Large Cap Growth Portfolio Class A	2.58%	12.00%	15.25%
Large Cap Growth Portfolio Class B	2.32%	11.72%	14.96%
Primary Benchmark: Russell 1000 Growth Index	-1.51%	10.40%	15.29%
S&P 500 Index	-4.38%	8.49%	13.12%

¹ Average annual returns.

The Portfolio's current prospectus fee table shows the Portfolio's total annual operating expense ratios as 0.69% and 0.94% for Class A and Class B shares, respectively. The Financial Highlights section of this report sets forth expense ratio data for the current reporting period; the expense ratios shown above may differ from the expense ratios in the Financial Highlights section since they are based on different time periods.

GROWTH OF A \$10,000 INVESTMENT 12/31/2008 TO 12/31/2018 (unaudited)



This chart illustrates the total value of an assumed \$10,000 investment in Large Cap Growth Portfolio Class A shares (from 12/31/2008 to 12/31/2018) as compared to the performance of the Portfolio's benchmarks. The chart assumes the reinvestment of dividends and capital gains distributions.

See Disclosures, Risks and Note about Historical Performance on page 2.

LARGE CAP GROWTH 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 July 1, 2018</u>	<u>Ending Account Value December 31, 2018</u>	<u>Expenses Paid During Period*</u>	<u>Annualized Expense Ratio*</u>	<u>Total Expenses Paid During Period+</u>	<u>Total Annualized Expense Ratio+</u>
Class A						
Actual	\$ 1,000	\$ 941.30	\$ 3.28	0.67%	\$ 3.33	0.68%
Hypothetical (5% annual return before expenses)	\$ 1,000	\$ 1,021.83	\$ 3.41	0.67%	\$ 3.47	0.68%
Class B						
Actual	\$ 1,000	\$ 940.10	\$ 4.50	0.92%	\$ 4.55	0.93%
Hypothetical (5% annual return before expenses)	\$ 1,000	\$ 1,020.57	\$ 4.69	0.92%	\$ 4.74	0.93%

* Expenses are equal to each classes’ annualized expense ratios, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period).

+ In connection with the Portfolio’s investments in affiliated/unaffiliated underlying portfolios, the Portfolio incurs no direct expenses, but bears proportionate shares of the fees and expenses (i.e., operating, administrative and investment advisory fees) of the affiliated/unaffiliated underlying portfolios. The Adviser has contractually agreed to waive its fees from the Portfolio in an amount equal to the Portfolio’s pro rata share of certain acquired fund fees and expenses of the affiliated underlying portfolios. The Portfolio’s total expenses are equal to the classes’ annualized expense ratio plus the Portfolio’s pro rata share of the weighted average expense ratio of the affiliated/unaffiliated underlying portfolios in which it invests, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period).

LARGE CAP GROWTH PORTFOLIO

TEN LARGEST HOLDINGS¹

December 31, 2018 (unaudited)

AB Variable Products Series Fund

COMPANY	U.S. \$ VALUE	PERCENT OF NET ASSETS
Alphabet, Inc.—Class C	\$ 32,165,011	7.9%
Visa, Inc.—Class A	19,310,211	4.7
Microsoft Corp.	18,571,262	4.5
UnitedHealth Group, Inc.	17,229,388	4.2
Home Depot, Inc. (The)	16,407,264	4.0
Monster Beverage Corp.	16,287,784	4.0
NIKE, Inc.—Class B	14,094,310	3.5
Intuitive Surgical, Inc.	13,816,842	3.4
PayPal Holdings, Inc.	12,422,784	3.0
Zoetis, Inc.	11,998,525	2.9
	<u>\$ 172,303,381</u>	<u>42.1%</u>

SECTOR BREAKDOWN²

December 31, 2018 (unaudited)

SECTOR	U.S. \$ VALUE	PERCENT OF TOTAL INVESTMENTS
Information Technology	\$ 101,651,640	24.8%
Health Care	91,527,663	22.4
Consumer Discretionary	60,991,915	14.9
Communication Services	51,736,627	12.6
Consumer Staples	34,972,662	8.6
Industrials	31,239,579	7.6
Materials	9,588,227	2.3
Financials	5,244,343	1.3
Short-Term Investments	22,378,071	5.5
Total Investments	<u>\$ 409,330,727</u>	<u>100.0%</u>

1 Long-term investments.

2 The Portfolio's sector breakdown is expressed as a percentage of total investments 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.

LARGE CAP GROWTH PORTFOLIO
PORTFOLIO OF INVESTMENTS
December 31, 2018

AB Variable Products Series Fund

Company	Shares	U.S. \$ Value	Company	Shares	U.S. \$ Value
COMMON STOCKS-94.6%			HEALTH CARE		
INFORMATION TECHNOLOGY-24.9%			PROVIDERS & SERVICES-4.2%		
COMMUNICATIONS EQUIPMENT-2.0%			UnitedHealth Group, Inc.		
Arista Networks, Inc.(a)	37,909	\$ 7,987,426	69,161	\$ 17,229,388	
ELECTRONIC EQUIPMENT, INSTRUMENTS & COMPONENTS-1.6%			HEALTH CARE TECHNOLOGY-0.2%		
Amphenol Corp.-Class A	25,176	2,039,760	Veeva Systems, Inc.-Class A(a)		
Cognex Corp.	64,782	2,505,120	9,256	826,746	
IPG Photonics Corp.(a)	17,336	1,963,995	LIFE SCIENCES TOOLS & SERVICES-0.7%		
		6,508,875	Mettler-Toledo International, Inc.(a)		
IT SERVICES-8.1%			4,965	2,808,105	
Fiserv, Inc.(a)	21,620	1,588,854	PHARMACEUTICALS-2.9%		
PayPal Holdings, Inc.(a)	147,732	12,422,784	Zoetis, Inc.		
Visa, Inc.-Class A	146,356	19,310,211	140,268	11,998,525	
		33,321,849	91,527,663		
SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT-3.9%			CONSUMER DISCRETIONARY-14.9%		
ASML Holding NV ADR	17,780	2,766,924	INTERNET & DIRECT MARKETING RETAIL-2.9%		
Texas Instruments, Inc.	17,140	1,619,730	Booking Holdings, Inc.(a)		
Xilinx, Inc.	133,762	11,392,509	6,950	11,970,819	
		15,779,163	MULTILINE RETAIL-0.4%		
SOFTWARE-6.9%			Dollar Tree, Inc.(a)		
Adobe, Inc.(a)	28,540	6,456,890	19,481	1,759,524	
ANSYS, Inc.(a)	1,159	165,667	SPECIALTY RETAIL-8.1%		
Microsoft Corp.	182,842	18,571,262	Burlington Stores, Inc.(a)		
Paycom Software, Inc.(a)	19,760	2,419,612	21,118	3,435,265	
salesforce.com, Inc.(a)	4,340	594,450	95,491	16,407,264	
		28,207,881	124,238	5,558,408	
TECHNOLOGY HARDWARE, STORAGE & PERIPHERALS-2.4%			Ulta Salon Cosmetics & Fragrance, Inc.(a)		
Apple, Inc.	62,422	9,846,446	31,720	7,766,325	
		101,651,640	33,167,262		
HEALTH CARE-22.4%			TEXTILES, APPAREL & LUXURY GOODS-3.5%		
BIOTECHNOLOGY-6.4%			NIKE, Inc.-Class B		
Biogen, Inc.(a)	36,096	10,862,008	190,104	14,094,310	
Regeneron Pharmaceuticals, Inc.(a)	22,593	8,438,486	60,991,915		
Vertex Pharmaceuticals, Inc.(a) ..	40,571	6,723,020	COMMUNICATION SERVICES-12.6%		
		26,023,514	ENTERTAINMENT-2.0%		
HEALTH CARE EQUIPMENT & SUPPLIES-8.0%			Activision Blizzard, Inc.		
Edwards Lifesciences Corp.(a) ...	78,297	11,992,751	77,437	3,606,241	
Intuitive Surgical, Inc.(a)	28,850	13,816,842	Electronic Arts, Inc.(a)		
Stryker Corp.	43,584	6,831,792	57,364	4,526,593	
		32,641,385	8,132,834		
HEALTH CARE EQUIPMENT & SUPPLIES-8.0%			INTERACTIVE MEDIA & SERVICES-10.6%		
Edwards Lifesciences Corp.(a) ...	78,297	11,992,751	Alphabet, Inc.-Class C(a)		
Intuitive Surgical, Inc.(a)	28,850	13,816,842	31,059	32,165,011	
Stryker Corp.	43,584	6,831,792	Facebook, Inc.-Class A(a)		
		32,641,385	87,259	11,438,782	
HEALTH CARE EQUIPMENT & SUPPLIES-8.0%			43,603,793		
Edwards Lifesciences Corp.(a) ...	78,297	11,992,751	51,736,627		
Intuitive Surgical, Inc.(a)	28,850	13,816,842	CONSUMER STAPLES-8.6%		
Stryker Corp.	43,584	6,831,792	BEVERAGES-5.6%		
		32,641,385	Constellation Brands, Inc.-		
HEALTH CARE EQUIPMENT & SUPPLIES-8.0%			Class A		
Edwards Lifesciences Corp.(a) ...	78,297	11,992,751	41,640	6,696,545	
Intuitive Surgical, Inc.(a)	28,850	13,816,842	Monster Beverage Corp.(a)		
Stryker Corp.	43,584	6,831,792	330,918	16,287,784	
		32,641,385	22,984,329		

AB Variable Products Series Fund

<u>Company</u>	<u>Shares</u>	<u>U.S. \$ Value</u>	<u>Company</u>	<u>Shares</u>	<u>U.S. \$ Value</u>
FOOD & STAPLES			MATERIALS—2.3%		
RETAILING—3.0%			CHEMICALS—2.3%		
Costco Wholesale Corp.	58,850	\$ 11,988,333	Sherwin-Williams Co.		
		<u>34,972,662</u>	(The)	24,369	\$ 9,588,227
INDUSTRIALS—7.6%			FINANCIALS—1.3%		
BUILDING PRODUCTS—3.0%			CAPITAL MARKETS—1.3%		
Allegion PLC	85,849	6,843,024	MarketAxess Holdings, Inc. ...	11,436	2,416,541
AO Smith Corp.	74,420	3,177,734	S&P Global, Inc.	16,640	<u>2,827,802</u>
Lennox International, Inc.	11,411	2,497,411			<u>5,244,343</u>
		<u>12,518,169</u>	Total Common Stocks		
COMMERCIAL SERVICES & SUPPLIES—1.5%			(cost \$294,536,656)		<u>386,952,656</u>
Copart, Inc.(a)	128,198	6,125,301	SHORT-TERM		
ELECTRICAL			INVESTMENTS—5.5%		
EQUIPMENT—0.5%			INVESTMENT		
AMETEK, Inc.	28,690	1,942,313	COMPANIES—5.5%		
INDUSTRIAL			AB Fixed Income Shares,		
CONGLOMERATES—1.5%			Inc.—Government Money		
Roper Technologies, Inc.	22,964	6,120,365	Market Portfolio—Class AB,		
MACHINERY—0.6%			2.31%(b)(c)(d)		
IDEX Corp.	18,880	2,383,789	(cost \$22,378,071)	22,378,071	<u>22,378,071</u>
TRADING COMPANIES & DISTRIBUTORS—0.5%			TOTAL		
Fastenal Co.	41,110	2,149,642	INVESTMENTS—100.1%		
		<u>31,239,579</u>	(cost \$316,914,727)		
			409,330,727		
			Other assets less		
			liabilities—(0.1%)		
			<u>(404,306)</u>		
			NET ASSETS—100.0%		
			<u>\$ 408,926,421</u>		

(a) Non-income producing security.

(b) Affiliated investments.

(c) The rate shown represents the 7-day yield as of period end.

(d) To obtain a copy of the fund's shareholder report, please go to the Securities and Exchange Commission's website at www.sec.gov, or call AB at (800) 227-4618.

Glossary:

ADR—American Depositary Receipt

See notes to financial statements.

LARGE CAP GROWTH PORTFOLIO
STATEMENT OF ASSETS & LIABILITIES
December 31, 2018

AB Variable Products Series Fund

ASSETS

Investments in securities, at value	
Unaffiliated issuers (cost \$294,536,656)	\$386,952,656
Affiliated issuers (cost \$22,378,071)	22,378,071
Unaffiliated dividends receivable	77,548
Affiliated dividends receivable	50,813
Receivable for capital stock sold	35,351
Total assets	<u>409,494,439</u>

LIABILITIES

Payable for capital stock redeemed	224,994
Advisory fee payable	198,202
Distribution fee payable	44,524
Audit and tax fee payable	31,616
Printing fee payable	29,372
Administrative fee payable	17,636
Transfer Agent fee payable	206
Accrued expenses	21,468
Total liabilities	<u>568,018</u>

NET ASSETS \$408,926,421

COMPOSITION OF NET ASSETS

Capital stock, at par	\$ 8,147
Additional paid-in capital	247,318,104
Distributable earnings	161,600,170
	<u>\$408,926,421</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	\$ 190,899,357	3,689,123	\$ 51.75
B	\$ 218,027,064	4,457,911	\$ 48.91

See notes to financial statements.

LARGE CAP GROWTH PORTFOLIO
STATEMENT OF OPERATIONS
Year Ended December 31, 2018

AB Variable Products Series Fund

INVESTMENT INCOME

Dividends	
Unaffiliated issuers	\$ 2,788,837
Affiliated issuers	377,982
Interest	34,643
	<u>3,201,462</u>

EXPENSES

Advisory fee (see Note B)	2,683,563
Distribution fee—Class B	587,380
Transfer agency—Class A	3,785
Transfer agency—Class B	4,178
Custodian	101,657
Administrative	69,147
Printing	55,960
Legal	47,175
Audit and tax	43,967
Directors' fees	24,782
Miscellaneous	9,430
Total expenses	3,631,024
Less: expenses waived and reimbursed by the Adviser (see Note B)	(23,308)
Net expenses	<u>3,607,716</u>
Net investment loss	<u>(406,254)</u>

REALIZED AND UNREALIZED GAIN (LOSS) ON INVESTMENT TRANSACTIONS

Net realized gain on investment transactions	70,143,110
Net change in unrealized appreciation/depreciation of investments	(58,055,525)
Net gain on investment transactions	<u>12,087,585</u>

NET INCREASE IN NET ASSETS FROM OPERATIONS \$ 11,681,331

See notes to financial statements.

LARGE CAP GROWTH PORTFOLIO
STATEMENT OF CHANGES IN NET ASSETS

AB Variable Products Series Fund

	<u>Year Ended December 31, 2018</u>	<u>Year Ended December 31, 2017</u>
INCREASE (DECREASE) IN NET ASSETS FROM OPERATIONS		
Net investment loss	\$ (406,254)	\$ (419,892)
Net realized gain on investment transactions	70,143,110	52,939,123
Net change in unrealized appreciation/depreciation of investments	<u>(58,055,525)</u>	<u>65,619,253</u>
Net increase in net assets from operations	11,681,331	118,138,484
Distributions to Shareholders		
Class A	(23,052,799)	(11,465,663)
Class B	<u>(27,070,582)</u>	<u>(13,633,647)</u>
CAPITAL STOCK TRANSACTIONS		
Net increase (decrease)	<u>18,042,010</u>	<u>(44,751,279)</u>
Total increase (decrease)	(20,400,040)	48,287,895
NET ASSETS		
Beginning of period	<u>429,326,461</u>	<u>381,038,566</u>
End of period	<u>\$408,926,421</u>	<u>\$429,326,461</u>

See notes to financial statements.

LARGE CAP GROWTH PORTFOLIO

NOTES TO FINANCIAL STATEMENTS

December 31, 2018

AB Variable Products Series Fund

NOTE A: Significant Accounting Policies

The AB Large Cap Growth 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 fourteen 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

LARGE CAP GROWTH PORTFOLIO

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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 December 31, 2018:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Investments in Securities:				
Assets:				
Common Stocks(a)	\$386,952,656	\$ -0-	\$ -0-	\$386,952,656
Short-Term Investments	<u>22,378,071</u>	<u>-0-</u>	<u>-0-</u>	<u>22,378,071</u>
Total Investments in Securities	409,330,727	-0-	-0-	409,330,727
Other Financial Instruments(b)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Total(c)	<u>\$409,330,727</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$409,330,727</u>

(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.

(c) There were no transfers between any levels during the reporting period.

The Portfolio recognizes all transfers between levels of the fair value hierarchy assuming the financial instruments were transferred at the beginning of the reporting period.

The Adviser established the Committee to oversee the pricing and valuation of all securities held in the Portfolio. The Committee operates under pricing and valuation policies and procedures established by the Adviser and approved by the

Board, including pricing policies which set forth the mechanisms and processes to be employed on a daily basis to implement these policies and procedures. In particular, the pricing policies describe how to determine market quotations for securities and other instruments. The Committee's responsibilities include: 1) fair value and liquidity determinations (and oversight of any third parties to whom any responsibility for fair value and liquidity determinations is delegated), and 2) regular monitoring of the Adviser's pricing and valuation policies and procedures and modification or enhancement of these policies and procedures (or recommendation of the modification of these policies and procedures) as the Committee believes appropriate.

The Committee is also responsible for monitoring the implementation of the pricing policies by the Adviser's Pricing Group (the "Pricing Group") and any third party which performs certain pricing functions in accordance with the pricing policies. The Pricing Group is responsible for the oversight of the third party on a day-to-day basis. The Committee and the Pricing Group perform a series of activities to provide reasonable assurance of the accuracy of prices including: 1) periodic vendor due diligence meetings, review of methodologies, new developments and processes at vendors, 2) daily comparison of security valuation versus prior day for all securities that exceeded established thresholds, and 3) daily review of unpriced, stale, and variance reports with exceptions reviewed by senior management and the Committee.

In addition, several processes outside of the pricing process are used to monitor valuation issues including: 1) performance and performance attribution reports are monitored for anomalous impacts based upon benchmark performance, and 2) portfolio managers review all portfolios for performance and analytics (which are generated using the Adviser's prices).

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

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AB Variable Products Series Fund

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 .60% of the first \$2.5 billion, .50% of the next \$2.5 billion and .45% in excess of \$5 billion, of the Portfolio's average daily net assets. Effective February 3, 2017, the advisory fee was reduced from .75% to .60% of the first \$2.5 billion, .65% to .50% of the next \$2.5 billion and .60% to .45% in excess of \$5 billion of the Portfolio's average daily net assets. The fee is accrued daily and paid monthly.

During 2017, AXA S.A. ("AXA"), a French holding company for the AXA Group, a worldwide leader in life, property and casualty and health insurance and asset management, announced its intention to pursue the sale of a minority stake in its subsidiary, AXA Equitable Holdings, Inc. ("AXA Equitable"), the holding company for a diversified financial services organization, through an initial public offering ("IPO"). AXA Equitable is the holding company for a diverse group of financial services companies, including AllianceBernstein L.P., the investment adviser to the Funds ("the Adviser"). During the second quarter of 2018, AXA Equitable completed the IPO, and, as a result, AXA held approximately 72.2% of the outstanding common stock of AXA Equitable as of September 30, 2018. Contemporaneously with the IPO, AXA sold \$862.5 million aggregate principal amount of its 7.25% mandatorily exchangeable notes (the "MxB Notes") due May 15, 2021 and exchangeable into up to 43,125,000 shares of common stock (or approximately 7% of the outstanding shares of common stock of AXA Equitable). AXA retains ownership (including voting rights) of such shares of common stock until the MxB Notes are exchanged, which may be on a date that is earlier than the maturity date at AXA's option upon the occurrence of certain events.

In March 2018, AXA announced its intention to sell its entire interest in AXA Equitable over time, subject to market conditions and other factors (the "Plan"). 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 each 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 each 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.

On November 20, 2018, AXA completed a public offering of 60,000,000 shares of AXA Equitable's common stock and simultaneously sold 30,000,000 of such shares to AXA Equitable pursuant to a separate agreement with it. As a result AXA currently owns approximately 59.2% of the shares of common stock of AXA Equitable.

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 year ended December 31, 2018, the reimbursement for such services amounted to \$69,147.

AB Variable Products Series Fund

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 \$1,200 for the year ended December 31, 2018.

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 until August 31, 2019. 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 year ended December 31, 2018, such waiver amounted to \$23,308.

A summary of the Portfolio’s transactions in AB mutual funds for the year ended December 31, 2018 is as follows:

<u>Fund</u>	<u>Market Value 12/31/17 (000)</u>	<u>Purchases at Cost (000)</u>	<u>Sales Proceeds (000)</u>	<u>Market Value 12/31/18 (000)</u>	<u>Dividend Income (000)</u>
Government Money Market Portfolio	\$0	\$92,991	\$70,613	\$22,378	\$378

Brokerage commissions paid on investment transactions for the year ended December 31, 2018 amounted to \$64,272, 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 year ended December 31, 2018 were as follows:

	<u>Purchases</u>	<u>Sales</u>
Investment securities (excluding U.S. government securities)	\$189,296,971	\$231,026,532
U.S. government securities	–0–	–0–

The cost of investments for federal income tax purposes, gross unrealized appreciation and unrealized depreciation are as follows:

Cost	<u>\$317,224,685</u>
Gross unrealized appreciation	\$102,701,364
Gross unrealized depreciation	(10,595,322)
Net unrealized appreciation	<u>\$ 92,106,042</u>

LARGE CAP GROWTH PORTFOLIO

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AB Variable Products Series Fund

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 year ended December 31, 2018.

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: Capital Stock

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

	SHARES		AMOUNT	
	Year Ended December 31, 2018	Year Ended December 31, 2017	Year Ended December 31, 2018	Year Ended December 31, 2017
Class A				
Shares sold	131,142	307,126	\$ 7,751,764	\$ 15,850,176
Shares issued in reinvestment of distributions	401,687	226,684	23,052,799	11,465,663
Shares redeemed	(542,535)	(774,660)	(31,574,803)	(40,887,713)
Net decrease	<u>(9,706)</u>	<u>(240,850)</u>	<u>\$ (770,240)</u>	<u>\$(13,571,874)</u>
Class B				
Shares sold	453,785	484,079	\$ 25,080,408	\$ 24,170,743
Shares issued in reinvestment of distributions	498,629	282,504	27,070,582	13,633,647
Shares redeemed	(608,637)	(1,336,010)	(33,338,740)	(68,983,795)
Net increase (decrease)	<u>343,777</u>	<u>(569,427)</u>	<u>\$ 18,812,250</u>	<u>\$(31,179,405)</u>

At December 31, 2018, certain shareholders of the Portfolio owned 63% in aggregate of the Portfolio’s outstanding shares. Significant transactions by such shareholders, if any, may impact the Portfolio’s performance.

NOTE F: Risks Involved in Investing in the Portfolio

Focused Portfolio Risk—Investments in a limited number of companies may have more risk because changes in the value of a single security may have a more significant effect, either negative or positive, on the Portfolio’s net asset value, or NAV.

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 less liquid due to adverse market, economic, political, regulatory or other factors.

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 G: 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 year ended December 31, 2018.

NOTE H: Distributions to Shareholders

The tax character of distributions paid during the fiscal years ended December 31, 2018 and December 31, 2017 were as follows:

	2018	2017
Distributions paid from:		
Ordinary income	\$ 581,143	\$ —
Net long-term capital gains	49,542,238	25,099,310
Total taxable distributions paid	\$50,123,381	\$25,099,310

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

Undistributed ordinary income	\$ 3,266,247	
Undistributed capital gains	66,227,880	
Unrealized appreciation/(depreciation)	92,106,042(a)	
Total accumulated earnings/(deficit)	\$161,600,169	

(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.

During the current fiscal year, there were no permanent differences that resulted in adjustments to distributable earnings or additional paid-in capital.

NOTE I: 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 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 2018-13 are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. At this time, management is evaluating the implications of these changes on the financial statements.

In October 2018, the U.S. Securities and Exchange Commission adopted amendments to certain disclosure requirements included in Regulation S-X that had become “redundant, duplicative, overlapping, outdated or superseded, in light of the other Commission disclosure requirements, GAAP or changes in the information environment.” The compliance date for the amendments to Regulation S-X was November 5, 2018 (for reporting period end dates of September 30, 2018 or after). Management has adopted the amendments which simplified certain disclosure requirements on the financial statements.

NOTE J: Subsequent Events

At a meeting held on November 6-8, 2018, the Board of the Fund approved the acquisition of the assets and assumption of the liabilities of AB Growth Portfolio (the “Acquired Portfolio,” and together with the Portfolio, the “Portfolios”) by the Portfolio, each a series of the Fund. The Portfolios have the same investment objective and similar investment strategies.

At the time of the acquisition, all of the Acquired Portfolio’s assets and liabilities will be transferred to the Portfolio, and shareholders of the Acquired Portfolio will receive shares of the same class of the Portfolio.

LARGE CAP GROWTH PORTFOLIO NOTES TO FINANCIAL STATEMENTS

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AB Variable Products Series Fund

The Acquired Portfolio will distribute to its shareholders information about the acquisition. The acquisition does not require approval of either Portfolio's shareholders. The acquisition is expected to be consummated on or about April 18, 2019.

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 other material events that would require disclosure in the Portfolio's financial statements through this date.

LARGE CAP GROWTH PORTFOLIO
FINANCIAL HIGHLIGHTS

AB Variable Products Series Fund

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

	CLASS A				
	Year Ended December 31,				
	2018	2017	2016	2015	2014
Net asset value, beginning of period	\$56.34	\$45.22	\$49.50	\$48.83	\$42.78
<u>Income From Investment Operations</u>					
Net investment income (loss) (a) .....	.02(b)	.02(b)	(.03)(b)†	.02	.02
Net realized and unrealized gain on investment transactions	2.09	14.10	1.44	5.33	6.03
Contributions from Affiliates	-0-	-0-	.00(c)	-0-	-0-
Net increase in net asset value from operations	2.11	14.12	1.41	5.35	6.05
<u>Less: Distributions</u>					
Distributions from net realized gain on investment transactions	(6.70)	(3.00)	(5.69)	(4.68)	-0-
Net asset value, end of period	<u>\$51.75</u>	<u>\$56.34</u>	<u>\$45.22</u>	<u>\$49.50</u>	<u>\$48.83</u>
<u>Total Return</u>					
Total investment return based on net asset value (d)	2.58%	31.98%*	2.63%†*	11.11%*	14.14%*
<u>Ratios/Supplemental Data</u>					
Net assets, end of period (000's omitted)	\$190,899	\$208,392	\$178,136	\$191,568	\$189,620
Ratio to average net assets of:					
Expenses, net of waivers/reimbursements ‡ .....	.68%	.70%	.85%	.82%	.83%
Expenses, before waivers/reimbursements ‡ .....	.68%	.70%	.85%	.82%	.83%
Net investment income (loss) .....	.04%(b)	.03%(b)	(.07)(b)†	.04%	.04%
Portfolio turnover rate	46%	48%	59%	65%	65%
‡ Expense ratios exclude the estimated acquired fund fees of affiliated/unaffiliated underlying portfolios	0%(e)	0%	0%	0%	0%

See footnote summary on page 20.

LARGE CAP GROWTH PORTFOLIO

FINANCIAL HIGHLIGHTS

(continued)

AB Variable Products Series Fund

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

	CLASS B				
	Year Ended December 31,				
	2018	2017	2016	2015	2014
Net asset value, beginning of period	\$53.70	\$43.32	\$47.77	\$47.38	\$41.62
<u>Income From Investment Operations</u>					
Net investment loss (a)	(.12)(b)	(.11)(b)	(.14)(b)†	(.10)	(.09)
Net realized and unrealized gain on investment transactions	2.03	13.49	1.38	5.17	5.85
Contributions from Affiliates	-0-	-0-	.00(c)	-0-	-0-
Net increase in net asset value from operations	1.91	13.38	1.24	5.07	5.76
<u>Less: Distributions</u>					
Distributions from net realized gain on investment transactions	(6.70)	(3.00)	(5.69)	(4.68)	-0-
Net asset value, end of period	\$48.91	\$53.70	\$43.32	\$47.77	\$47.38
<u>Total Return</u>					
Total investment return based on net asset value (d)*	2.32%	31.67%	2.36%†	10.86%	13.84%
<u>Ratios/Supplemental Data</u>					
Net assets, end of period (000's omitted)	\$218,027	\$220,934	\$202,903	\$267,171	\$237,452
Ratio to average net assets of:					
Expenses, net of waivers/reimbursements ‡ .....	.93%	.95%	1.10%	1.07%	1.08%
Expenses, before waivers/reimbursements ‡ .....	.93%	.95%	1.10%	1.07%	1.08%
Net investment loss	(.21)(b)	(.21)(b)	(.32)(b)†	(.21)%	(.21)%
Portfolio turnover rate	46%	48%	59%	65%	65%
‡ Expense ratios exclude the estimated acquired fund fees of affiliated/unaffiliated underlying portfolios	0%(e)	0%	0%	0%	0%

(a) Based on average shares outstanding.

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

(c) Amount is less than \$.005.

(d) 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.

(e) Less than 0.01%.

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

<u>Net Investment Income Per Share</u>	<u>Net Investment Income Ratio</u>	<u>Total Return</u>
\$.005	.01%	.01%

* 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, 2017, December 31, 2016, December 31, 2015 and December 31, 2014 by .03%, .01%, .09% and .02%, respectively.

See notes to financial statements.

To the Shareholders and the Board of Directors of AB Large Cap Growth Portfolio:

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities of AB Large Cap Growth Portfolio (the "Portfolio") (one of the portfolios constituting AB Variable Products Series Fund, Inc. (the "Fund")), including the portfolio of investments, as of December 31, 2018, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, the financial highlights for each of the five years in the period then ended and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Portfolio (one of the portfolios constituting AB Variable Products Series Fund, Inc.) at December 31, 2018, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended and its financial highlights for each of the five years in the period then ended, in conformity with U.S. generally accepted accounting principles.

Basis for Opinion

These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Portfolio's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Fund is not required to have, nor were we engaged to perform, an audit of the Fund's internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our procedures included confirmation of securities owned as of December 31, 2018, by correspondence with the custodian and others or by other appropriate auditing procedures where replies from others were not received. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Ernst + Young LLP

We have served as the auditor of one or more of the AB investment companies since 1968.

New York, New York
February 14, 2019

2018 TAX INFORMATION (unaudited)**AB Variable Products Series Fund**

For Federal income tax purposes, the following information is furnished with respect to the distributions paid by the Portfolio during the taxable year ended December 31, 2018. For corporate shareholders, 100% of dividends paid qualify for the dividends received deduction.

**LARGE CAP GROWTH PORTFOLIO
RESULTS OF SHAREHOLDERS MEETING
(unaudited)**

AB Variable Products Series Fund

A Special Meeting of Shareholders of the AB Variable Products Series Fund, Inc. (the “Fund”) – AB Large Cap Growth Portfolio (the “Portfolio”) was held on October 11, 2018. A description of each proposal and number of shares voted at the Meeting are as follows (the proposal number shown below corresponds to the proposal number in the Fund’s proxy statement):

1. To approve and vote upon the election of Directors for the Fund, each such Director to serve for a term of indefinite duration and until his or her successor is duly elected and qualifies.

Director:	Voted For	Withheld Authority
Michael J. Downey	185,583,716	7,289,141
William H. Foulk, Jr.*	185,019,810	7,853,047
Nancy P. Jacklin	185,893,313	6,979,544
Robert M. Keith	186,480,457	6,392,400
Carol C. McMullen	185,989,602	6,883,255
Garry L. Moody	186,334,076	6,538,781
Marshall C. Turner	185,518,803	7,354,054
Earl D. Weiner	185,570,565	7,302,293

2. To vote upon the approval of new advisory agreements for the Portfolio with AllianceBernstein L.P.

Voted For	Voted Against	Abstained
6,856,691	301,837	313,825

* Mr. Foulk retired on December 31, 2018.

BOARD OF DIRECTORS

Marshall C. Turner, Jr.⁽¹⁾, *Chairman*
Michael J. Downey⁽¹⁾
Nancy P. Jacklin⁽¹⁾
Robert M. Keith, *President and*
Chief Executive Officer

Carol C. McMullen⁽¹⁾
Garry L. Moody⁽¹⁾
Earl D. Weiner⁽¹⁾

OFFICERS

Frank V. Caruso⁽²⁾, *Vice President*
John H. Fogarty⁽²⁾, *Vice President*
Vinay Thapar⁽²⁾, *Vice President*
Emilie D. Wrapp, *Secretary*
Michael B. Reyes, *Senior Analyst*

Joseph J. Mantineo, *Treasurer and*
Chief Financial Officer
Phyllis J. Clarke, *Controller*
Vincent S. Noto, *Chief Compliance Officer*

CUSTODIAN AND ACCOUNTING AGENT

State Street Bank and Trust Company
State Street Corporation CCB/5
1 Iron Street
Boston, MA 02210

LEGAL COUNSEL

Seward & Kissel LLP
One Battery Park Plaza
New York, NY 10004

DISTRIBUTOR

AllianceBernstein Investments, Inc.
1345 Avenue of the Americas
New York, NY 10105

TRANSFER AGENT

AllianceBernstein Investor Services, Inc.
P.O. Box 786003
San Antonio, TX 78278-6003
Toll-Free 1-(800) 221-5672

INDEPENDENT REGISTERED PUBLIC**ACCOUNTING FIRM**

Ernst & Young LLP
5 Times Square
New York, NY 10036

(1) Member of the Audit Committee, the Governance and Nominating Committee, and the Independent Directors Committee.

(2) The day-to-day management of, and investment decisions for, the Portfolio's portfolio are made by the U.S. Large Cap Growth Investment Team. Messrs. Caruso, Fogarty and Thapar are the investment professionals with the most significant responsibility for the day-to-day management of the Portfolio's portfolio.

LARGE CAP GROWTH PORTFOLIO MANAGEMENT OF THE FUND

AB Variable Products Series Fund

Board of Directors Information

The business and affairs of the Fund are managed under the direction of the Board of Directors. Certain information concerning the Fund's Directors is set forth below.

NAME, ADDRESS*, AGE AND (YEAR FIRST ELECTED)**	PRINCIPAL OCCUPATION(S), DURING PAST FIVE YEARS AND OTHER INFORMATION***	PORTFOLIOS IN AB FUND COMPLEX OVERSEEN BY DIRECTOR	OTHER PUBLIC COMPANY DIRECTORSHIPS CURRENTLY HELD BY DIRECTOR
INTERESTED DIRECTOR			
Robert M. Keith,# 1345 Avenue of the Americas New York, NY 10105 58 (2010)	Senior Vice President of AllianceBernstein L.P. (the "Adviser") and the head of AllianceBernstein Investments, Inc. ("ABI") since July 2008; Director of ABI and President of the AB Mutual Funds. Previously, he served as Executive Managing Director of ABI from December 2006 to June 2008. Prior to joining ABI in 2006, Executive Managing Director of Bernstein Global Wealth Management, and prior thereto, Senior Managing Director and Global Head of Client Service and Sales of the Adviser's institutional investment management business since 2004. Prior thereto, he was Managing Director and Head of North American Client Service and Sales in the Adviser's institutional investment management business with which he had been associated since prior to 2004.	95	None
INDEPENDENT DIRECTORS			
Marshall C. Turner, Jr.,## <i>Chairman of the Board</i> 77 (2005)	Private Investor since prior to 2014. Former Chairman and CEO of Dupont Photomasks, Inc. (components of semi-conductor manufacturing). He has extensive operating leadership, and venture capital investing experience, including five interim or full-time CEO roles, and prior service as general partner of institutional venture capital partnerships. He also has extensive non-profit board leadership experience, and currently serves on the boards of two education and science-related non-profit organizations. He has served as a director of one AB Fund since 1992, and director or trustee of multiple AB Funds since 2005. He has been Chairman of the AB Funds since January 2014, and the Chairman of the Independent Directors Committees of such AB Funds since February 2014.	95	Xilinx, Inc. (programmable logic semi-conductors) since 2007
Michael J. Downey,## 75 (2005)	Private Investor since prior to 2014. Formerly, managing partner of Lexington Capital, LLC (investment advisory firm) from December 1997 until December 2003. He served as a Director of Prospect Acquisition Corp. (financial services) from 2007 until 2009. From 1987 until 1993, Chairman and CEO of Prudential Mutual Fund Management, director of the Prudential mutual funds, and member of the Executive Committee of Prudential Securities, Inc. He has served as a director or trustee of the AB Funds since 2005 and is a director and Chairman of one other registered investment company.	95	The Asia Pacific Fund, Inc. (registered investment company) since prior to 2014

**LARGE CAP GROWTH PORTFOLIO
MANAGEMENT OF THE FUND**

(continued)

AB Variable Products Series Fund

NAME, ADDRESS*, AGE AND (YEAR FIRST ELECTED)**	PRINCIPAL OCCUPATION(S), DURING PAST FIVE YEARS AND OTHER INFORMATION***	PORTFOLIOS IN AB FUND COMPLEX OVERSEEN BY DIRECTOR	OTHER PUBLIC COMPANY DIRECTORSHIPS CURRENTLY HELD BY DIRECTOR
INDEPENDENT DIRECTORS (continued)			
Nancy P. Jacklin,## 70 (2006)	Private Investor since prior to 2014. Professorial Lecturer at the Johns Hopkins School of Advanced International Studies (2008–2015). U.S. Executive Director of the International Monetary Fund (which is responsible for ensuring the stability of the international monetary system), (December 2002–May 2006); Partner, Clifford Chance (1992–2002); Sector Counsel, International Banking and Finance, and Associate General Counsel, Citicorp (1985–1992); Assistant General Counsel (International), Federal Reserve Board of Governors (1982–1985); and Attorney Advisor, U.S. Department of the Treasury (1973–1982). Member of the Bar of the District of Columbia and of New York; and member of the Council on Foreign Relations. She has served as a director or trustee of the AB Funds since 2006 and has been Chair of the Governance and Nominating Committees of the AB Funds since August 2014.	95	None
Carol C. McMullen,## 63 (2016)	Managing Director of Slalom Consulting (consulting) since 2014, private investor and member of the Partners Healthcare Investment Committee. Formerly, Director of Norfolk & Dedham Group (mutual property and casualty insurance) from 2011 until November 2016; Director of Partners Community Physicians Organization (healthcare) from 2014 until December 2016; and Managing Director of The Crossland Group (consulting) from 2012 until 2013. She has held a number of senior positions in the asset and wealth management industries, including at Eastern Bank (where her roles included President of Eastern Wealth Management), Thomson Financial (Global Head of Sales for Investment Management), and Putnam Investments (where her roles included Head of Global Investment Research). She has served on a number of private company and non-profit boards, and as a director or trustee of the AB Funds since June 2016.	95	None

AB Variable Products Series Fund

NAME, ADDRESS*, AGE AND (YEAR FIRST ELECTED)**	PRINCIPAL OCCUPATION(S), DURING PAST FIVE YEARS AND OTHER INFORMATION***	PORTFOLIOS IN AB FUND COMPLEX OVERSEEN BY DIRECTOR	OTHER PUBLIC COMPANY DIRECTORSHIPS CURRENTLY HELD BY DIRECTOR
INDEPENDENT DIRECTORS (continued)			
Garry L. Moody,## 66 (2008)	Independent Consultant. Formerly, Partner, Deloitte & Touche LLP (1995–2008) where he held a number of senior positions, including Vice Chairman, and U.S. and Global Investment Management Practice Managing Partner; President, Fidelity Accounting and Custody Services Company (1993–1995), where he was responsible for accounting, pricing, custody and reporting for the Fidelity mutual funds; and Partner, Ernst & Young LLP (1975–1993), where he served as the National Director of Mutual Fund Tax Services and Managing Partner of its Chicago Office Tax department. He is a member of the Trustee Advisory Board of BoardIQ, a biweekly publication focused on issues and news affecting directors of mutual funds. He has served as a director or trustee, and as Chairman of the Audit Committees, of the AB Funds since 2008.	95	None
Earl D. Weiner,## 79 (2007)	Of Counsel, and Partner prior to January 2007, of the law firm Sullivan & Cromwell LLP and is a former member of the ABA Federal Regulation of Securities Committee Task Force to draft editions of the Fund Director’s Guidebook. He also serves as a director or trustee of various non-profit organizations and has served as Chairman or Vice Chairman of a number of them. He has served as a director or trustee of the AB Funds since 2007 and served as Chairman of the Governance and Nominating Committees of the AB Funds from 2007 until August 2014.	95	None

* The address for each of the Fund’s disinterested Directors is c/o AllianceBernstein L.P., Attention: Legal and Compliance Department—Mutual Fund Legal, 1345 Avenue of the Americas, New York, NY 10105.

** There is no stated term of office for the Fund’s Directors.

*** The information above includes each Director’s principal occupation during the last five years and other information relating to the experience, attributes, and skills relevant to each Director’s qualifications to serve as a Director, which led to the conclusion that each Director should serve as a Director for the Fund.

Mr. Keith is an “interested person” of the Fund, as defined in Section 2(a)(19) of the Investment Company Act of 1940, due to his position as a Senior Vice President of the Adviser.

Member of the Audit Committee, the Governance and Nominating Committee and the Independent Directors Committee.

LARGE CAP GROWTH PORTFOLIO MANAGEMENT OF THE FUND

(continued)

AB Variable Products Series Fund

Officer Information

Certain information concerning the Portfolio Officers is listed below.

NAME, ADDRESS* AND AGE	PRINCIPAL POSITION(S) HELD WITH FUND	PRINCIPAL OCCUPATION DURING PAST FIVE YEARS
Robert M. Keith 58	President and Chief Executive Officer	See biography above.
Frank V. Caruso 62	Vice President	Senior Vice President of the Adviser**, with which he has been associated since prior to 2014. He is also Chief Investment Officer of US Growth Equities.
John H. Fogarty 49	Vice President	Senior Vice President of the Adviser**, with which he has been associated since prior to 2014.
Vinay Thapar 40	Vice President	Senior Vice President of the Adviser**, with which he was associated since prior to 2014.
Emilie D. Wrapp 63	Secretary	Senior Vice President, Assistant General Counsel and Assistant Secretary of ABI**, with which she has been associated since prior to 2014.
Michael B. Reyes 42	Senior Analyst	Vice President of the Adviser**, with which he has been associated since prior to 2014.
Joseph J. Mantineo 59	Treasurer and Chief Financial Officer	Senior Vice President of AllianceBernstein Investor Services, Inc. ("ABIS")**, with which he has been associated since prior to 2014.
Phyllis J. Clarke 58	Controller	Vice President of ABIS**, with which she has been associated since prior to 2014.
Vincent S. Noto 54	Chief Compliance Officer	Senior Vice President since 2015 and Mutual Fund Chief Compliance Officer of the Adviser** since 2014. Prior thereto, he was Vice President and Director of Mutual Fund Compliance of the Adviser** since 2012.

* The address for each of the Portfolio's Officers is 1345 Avenue of the Americas, New York, NY 10105.

** The Adviser, ABI and ABIS are affiliates of the Fund.

The Fund's Statement of Additional Information ("SAI") has additional information about the Fund's Directors and Officers and is available without charge upon request. Contact your financial representative or the Adviser at (800) 227-4618, or visit www.abfunds.com, for a free prospectus or SAI.

LARGE CAP GROWTH PORTFOLIO

CONTINUANCE DISCLOSURE

AB Variable Products Series Fund

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

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 a new advisory agreement with the Adviser (the "Proposed Agreement") in respect of each fund organized as a series of the Company (the "Funds"), including AB Large Cap Growth 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 agreement for the Company in respect of the Funds, including the Fund, resulting in the automatic termination of such advisory agreement.

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 Agreement had not been obtained as of the date of one or more transactions resulting in an "assignment" of the Adviser's advisory agreement, resulting in the automatic termination of such advisory agreement.

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

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

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

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,

LARGE CAP GROWTH PORTFOLIO CONTINUANCE DISCLOSURE

(continued)

AB Variable Products Series Fund

including the management fees, were fair and reasonable in light of the services performed under the 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.

LARGE CAP GROWTH 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 Large Cap Growth Portfolio (the "Fund") at a meeting held on May 1-3, 2018 (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 materials from an outside consultant, who acted as their independent fee consultant, and 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 Company's former 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 2016 and 2017 that had been prepared with an expense allocation methodology arrived at in consultation with an independent consultant retained by the Company's former 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. The directors noted that the reduction in the advisory fee rate effective since February 3, 2017 would likely impact the Adviser's profitability analysis in future years.

Fall-Out Benefits

The directors considered the other benefits to the Adviser and its affiliates from their relationships with the Fund, 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 analytical service that is not affiliated with the Adviser (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, 2018 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.

LARGE CAP GROWTH 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 at a common asset level. 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 (reflecting a reduction in the advisory fee rate effective since February 3, 2017) with a peer group median and 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 a similar investment style. For this purpose, they reviewed the relevant advisory fee information from the Adviser's Form ADV and the materials 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 any sub-advised funds, 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 also compared the advisory fee rate for the Fund with those for two other AB Funds with a similar investment style.

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 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; (iii) must prepare and 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 funds such as 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.

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 information included the pro forma expense ratio to reflect a reduction in the Fund's expense ratio effective since February 3, 2017, when the advisory fee rate was reduced. 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 pro forma 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 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 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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