

Fairmount Park Art Association

"TO PROMOTE AND FOSTER THE BEAUTIFUL IN
THE CITY OF PHILADELPHIA, IN ITS ARCHITEC-
TURE, IMPROVEMENTS AND GENERAL PLAN"

Eighty-ninth Annual Report



Ormiston Mansion, Fairmount Park
Philadelphia

1961

PROCEEDINGS
OF THE
EIGHTY-NINTH ANNUAL MEETING
OF THE
FAIRMOUNT PARK
ART ASSOCIATION

ANNUAL REPORT
BOARD OF TRUSTEES

“FAIRMOUNT PARK
AS AN EXAMPLE OF PLANNING
FOR RIPARIAN LANDS IN PENNSYLVANIA”

BY

PROFESSOR IAN L. McHARG
CHAIRMAN, DEPARTMENT OF LANDSCAPE ARCHITECTURE
UNIVERSITY OF PENNSYLVANIA

Ormiston Mansion, Fairmount Park
Philadelphia 21

1961

OFFICERS 1961

President

PHILIP PRICE

Vice-Presidents

R. STURGIS INGERSOLL

HENRI MARCEAU

Treasurer

ORVILLE H. BULLITT

Counsel

R. STURGIS INGERSOLL

TRUSTEES

TERM EXPIRES IN 1962

R. STURGIS INGERSOLL

PHILIP PRICE

SYDNEY E. MARTIN

JOHN F. LEWIS, JR.

C. CLARK ZANTZINGER, JR.

HENRI MARCEAU

TERM EXPIRES IN 1963

GORDON A. HARDWICK

MICHAEL VON MOSCHZISKER

HORACE H. F. JAYNE

ORVILLE H. BULLITT

HENRY W. SAWYER, 3D

H. RADCLYFFE ROBERTS

TERM EXPIRES IN 1964

JOSEPH T. FRASER, JR.

WILLIAM G. FOULKE

RICHARD N. WILLIAMS, II

G. HOLMES PERKINS

SAMUEL PRICE WETHERILL

FREDERICK H. LEVIS

Executive Secretary

W. H. NOBLE, JR.

Ormiston Mansion,

East Fairmount Park, Philadelphia 21

STANDING COMMITTEES

(The President is *ex officio* a member of all Committees)

On Finances, Legacies and Trusts

ORVILLE H. BULLITT, *Chairman*

GORDON A. HARDWICK

WILLIAM G. FOULKE

SPECIAL COMMITTEES

On Samuel Foundation

R. STURGIS INGERSOLL, *Chairman*

HENRI MARCEAU, *Co-Chairman*

JOSEPH T. FRASER, JR.

SYDNEY E. MARTIN

On New Projects

JOHN F. LEWIS, JR., *Chairman*

ORVILLE H. BULLITT

WILLIAM G. FOULKE

C. CLARK ZANTZINGER, JR.

MICHAEL VON MOSCHZISER

On Plan of City

GORDON A. HARDWICK

JOHN F. LEWIS, JR.

C. CLARK ZANTZINGER, JR.

SAMUEL PRICE WETHERILL

RICHARD N. WILLIAMS, II

G. HOLMES PERKINS

On Relocation of Sculpture

HORACE H. F. JAYNE, *Chairman*

JOSEPH T. FRASER, JR.

HENRI MARCEAU

H. RADCLYFFE ROBERTS

HENRY W. SAWYER, 3D

WOMEN'S COMMITTEE

MRS. CLARENCE H. WARDEN, JR., *Chairman*

MRS. HENRY M. WATTS, JR., *Co-Chairman*

MRS. GEORGE F. B. APPEL	MRS. JOHN W. MOFFLY
MRS. KING BAIRD	MRS. JAMES ALAN MONTGOMERY
MRS. FREDERIC L. BALLARD	MRS. WILLIAM H. NOBLE, JR.
MRS. DONALD B. BARROWS	MRS. CHARLES O'CONNOR
MRS. ALFRED BENDINER	MRS. HARALD PAUMGARTEN
MRS. ORVILLE H. BULLITT	MRS. GEORGE W. PEPPER, 3RD
MRS. JAMES CHESTON	MRS. JOHN S. PRICE, 3RD
MRS. JAY COOKE	MRS. ROBERT W. PREUCEL
MRS. ANTELO DEVEREUX	MRS. CHARLES L. RITCHIE
MRS. RICHARDSON DILWORTH	MRS. E. FLORENS RIVINUS
MRS. RAYMOND ENTENMANN	MRS. GEORGE BROOKE ROBERTS
MRS. FERDINAND FETTER	MRS. ADOLPH G. ROSENGARTEN
MRS. JOSEPH T. FRASER, JR.	MRS. JAMES M. SKINNER, JR.
MRS. THOMAS S. GATES	MRS. LAWRENCE M. C. SMITH
MRS. ROBERT MCKAY GREEN	MRS. STUART S. TAYLOR
MRS. ORVILLE HORWITZ	MRS. CHARLES I. THOMPSON, JR.
MRS. CHARLES E. INGERSOLL	MRS. CLARENCE A. WARDEN, JR.
MRS. HORACE H. F. JAYNE	MRS. GEORGE F. TYLER
MRS. SIDNEY KEITH	MRS. HENRY M. WATTS, JR.
MISS KATHARINE SNOWDEN KING	MRS. ELKINS WETHERILL
MRS. ROY LARSON	MRS. WILLIAM WHITE
MISS MILDRED LEE	MRS. ELIAS WOLF
MRS. EDWARD C. LUKENS	MRS. RICHARD D. WOOD, 2ND
MRS. LOUIS C. MADEIRA, 4TH	

LIST OF EXECUTIVE OFFICERS FROM THE
ORGANIZATION OF THE ASSOCIATION

PRESIDENTS

Anthony J. Drexel.....	1871-1893
John H. Converse.....	1894-1900; 1904-1909
Charles H. Howell.....	1900-1902
James M. Beck.....	1903-1904
Edward T. Stotesbury.....	1909-1916
Charles J. Cohen.....	1916-1927
Emory McMichael.....	1927-1930
Roland L. Taylor.....	1930-1943
Sydney E. Martin.....	1943-1954
Philip Price.....	1954-

HONORARY VICE-PRESIDENT

J. Rodman Paul 1940-1941

VICE-PRESIDENTS

H. Corbit Ogden 1871-1876
 Charles H. Rogers 1876-1886
 Joel J. Bailey 1886-1903
 Alexander Brown 1887-1893
 George B. Roberts 1887-1898
 Charles C. Harrison 1894-1907
 Frank Thomson 1898-1899
 William W. Justice 1899-1900
 Ferdinand J. Dreer 1900-1902
 Charles E. Dana 1900-1914
 Edgar V. Seeler 1904-1909
 John T. Morris 1909-1915
 John H. Converse 1909-1910
 Charles J. Cohen 1912-1916
 E. Burgess Warren 1916-1917
 James M. Beck 1916-1936
 Henry K. Fox 1916-1925
 J. Rodman Paul 1924-1939
 Eli Kirk Price 1925-1933
 Sydney E. Martin 1936-1943
 R. Sturgis Ingersoll 1943-
 Henri Marceau 1944-

TREASURERS

James L. Claghorn 1871-1885
 Thomas Hockley 1885-1892
 Henry K. Fox 1892-1899
 James W. Paul, Jr. 1899-1908
 William W. Justice 1909-1914
 John W. Pepper 1915-1918
 W. Hinckle Smith 1919-1940
 Orville H. Bullitt 1940-

SECRETARIES

John Bellangee Cox . . . 1871-1875;
 1877-1887
 John B. Robinson 1875-1877
 Charles H. Howell 1887-1900
 Leslie W. Miller 1900-1920
 Roland L. Taylor 1920-1930
 Henri Marceau 1943-1946

EXECUTIVE SECRETARIES

Andrew Wright
 Crawford 1922-1930
 Henri Marceau 1930-1939
 W. H. Noble, Jr. 1939-1942
 Mrs. C. W. Letsch, Jr. . . 1942-1946
 W. H. Noble, Jr. 1946-

EIGHTY-NINTH ANNUAL REPORT OF THE BOARD OF TRUSTEES

To the Members and Guests of the Fairmount Park Art Association

LADIES AND GENTLEMEN:

To our guests and those new members who are here for the first time, I am glad to repeat that one of the major purposes of this Association, as stated in its Charter, is "To promote and foster the beautiful in the City of Philadelphia, in its architecture, improvements and general plan." To those of you who have been here before, and this Association has a prideful list of members who have attended these meetings for a score and more of years, I know you will not object to hearing again the restatement of this important purpose. This report is made each January to inform members and their friends of the progress of the various projects that your Board of Trustees is carrying on. Some are just beginning; some, such as the Samuel Memorial, are about to terminate; and others are being planned.

In the Association's Annual Report is stated the membership of committees which are for the purpose, either of carrying out assignments or of recommending to the members of the Board for future action, new projects which might be undertaken. Among these are the Samuel Memorial Committee, the Committee on Finances, the Committee on Legacies and Trusts. In addition the Committee on Relocation of Sculpture, for the Plan of the City and New Projects are three which keep currently informed of changes and trends in various parts of the Park or City (often affecting existing and possible sites of statues), proposed changes in the Parkway, etc., and investigate and carry out new undertakings. The members of these committees are chosen because of their interest in and knowledge of many aspects of civic affairs. Also, your Board of Trustees is well represented on the City Planning Commission, the Art Commission, and the Park Commission, which play such important parts in the City's improvement and growth.

Early in 1960 the Board had the opportunity to purchase a bronze cast of the famous Quaker Martyr, Mary Dyer. This statue won a competition in Boston and is now installed beside the State House there. It is the work of Sylvia Shaw Judson, of Lake Forest,

Illinois and will be the second piece by Mrs. Judson to be in Philadelphia. In 1949, following the Third Sculpture Internationale, the Association purchased her two stone Lambs, which were installed at the western end of Gustine Lake, surrounded by a low stone bench for the use of children. It also will be the second figure in bronze that we share with Boston, the first being the familiar Puritan by St. Gaudens, which is located at the foot of Lemon Hill facing the Boat Houses on the East River Drive. Mrs. Judson's bronze seated figure is a serene and moving conception of this distinguished early American character. It is hoped that a suitable location may be found in the older part of the City for this statue and a Committee is working toward this end. The bronze cast was made in Italy and is now on the high seas, headed toward the Port of Philadelphia.

You may remember that in the summer of 1959 we invited a group of animal sculptors to submit models for a group to be placed at the newly planned entrance to the Zoological Gardens. The results were most rewarding, so much so that the Board decided to commission the first and second choices for presentation to the Zoo. One of these was a pair of Giraffes by the local sculptor, Henry Mitchell. The bronze cast of this group was completed early in 1960 and may now be seen at the Zoo where it awaits incorporation in the Zoological Society's new Giraffe House, which is planned in the not too distant future.

The other group selected for the Zoo is by Heinz Warneke and consists of a full size African Elephant with her calf beside her investigating the possibility of maternal sustenance. After the quarter-size model was approved, it was decided to have the full size group carved from a single piece of granite. A quarry was finally located in Norway which was able and willing to produce such a block in the proper shade of gray. The 14-foot plaster caste is now being crated and will soon be aboard ship headed for Norway. Everyone who has seen this elephantine madonna and child has been enthusiastic over Mr. Warneke's creation and has felt that it will become even more famous than the lioness or the wild boar, which this Association presented to the Zoological Gardens in past years. We hope that a year from now we can report to you that these two new additions to the Zoo are on the return trip or have actually arrived.

There are some of you here today who have heard reports on the progress of the Ellen Phillips Samuel Memorial for over thirty years. Next January you will probably see a film of the dedication of this widely acclaimed monument which has contributed more to the encouragement of sculptors than any single endeavor in Philadelphia during the Twentieth Century. The three great sculpture shows held by the Association in 1933, 1940 and 1949 were stunning exhibitions at the Art Museum and brought close to a thousand

pieces from artists all over the world. Juries selected sixteen of the exhibiting sculptors to carry out the donor's concept of a symbolic representation of America's history. Now the last piece of sculpture has arrived and is in place awaiting the block of granite which will be its final base. This is Jacques Lipchitz' bronze, entitled *The Spirit of Enterprise*.

Plans for the formal dedication of the three terraces on the East River Drive are underway and we hope that when the weather is more sympathetic and the flowering shrubs are at their best, members will find in their mail invitations to this long awaited event.

The Association's Women's Committee, under the energetic leadership of Mrs. Clarence Warden, Jr., has had a successful first year. One of their chief duties is to operate the checking booth at the Rittenhouse Square Flower Market. Through the sale of plants and other items they returned their largest sum to the Flower Market last year. A committee from this group of ladies has arranged for a permanent base in the pool in the Square for Paul Manship's bronze *Duck Girl*. Another committee has been working out a landscaping plan for rehabilitation of the planting in certain portions of Rittenhouse Square. We feel certain that the Association will applaud the activities of this new committee, as do the Trustees.

From time to time it is with sadness that we are forced to announce the loss of one of our Trustees, in this case Markley Stevenson. He was the distinguished landscape architect, whose stamp of taste in design and use of plant material remains to remind us of his great accomplishments in the field of landscaping. He will be sorely missed by your Trustees, by members of this organization and by his many friends.

Each year the three year terms of a group of six Trustees expire and in the course of this meeting you will be called upon to select members of the Board of Trustees to serve for a period of three years and until their successors are chosen. The Trustees whose terms expire at this time are:

JOSEPH T. FRASER, JR.	G. HOLMES PERKINS
WILLIAM G. FOULKE	SAMUEL PRICE WETHERILL
RICHARD N. WILLIAMS, II	

On behalf of the Board,

PHILIP PRICE
President

MINUTES OF THE EIGHTY-NINTH ANNUAL MEETING

The Eighty-Ninth Annual Meeting of the Fairmount Park Art Association was held at the Bellevue-Stratford Hotel on Thursday, January 26, 1961 at 12 o'clock noon.

There were around four hundred and fifty members and their guests present. Mr. Philip Price presided and proceeded immediately to the business of the meeting.

The reading of the minutes of the last meeting held January 28, 1960, was, on motion, dispensed with as they were printed in the Eighty-Eighth Annual Report, copies of which were on hand.

The Annual Report of the Board of Trustees was made by the President, Philip Price. It was moved that this report be accepted and referred to the incoming Board for publication and the Secretary be instructed to order the usual number of reports printed and distributed to the members of the Association.

The reading of the Treasurer's Report was, on motion, dispensed with as it has been duly audited and will be published in the Eighty-Ninth Annual Report.

The meeting proceeded to the election of five Trustees to succeed those whose term had expired. The following were elected to serve for a term of three years and until their successors are chosen:

JOSEPH T. FRASER, JR.	G. HOLMES PERKINS
WILLIAM G. FOULKE	SAMUEL PRICE WETHERILL
RICHARD N. WILLIAMS, II	

The President then presented the speaker of the day, Professor Ian L. McHarg, Chairman, Department of Landscape Architecture, University of Pennsylvania, who spoke on "Fairmount Park as an Example of Planning for Riparian Lands in Pennsylvania."

At the conclusion of his talk, Professor McHarg was thanked by the President and, on motion, the meeting was adjourned.

W. H. NOBLE, JR.
Executive Secretary

TREASURER'S REPORT OF THE ASSOCIATION, OCTOBER 31, 1960

	<i>Participating Units Fairmount Park Art Assn. Cons. Investment Fund</i>		<i>U.S. Govt. & Municipal Bonds & Notes</i>	<i>Cash (Principal, Income)</i>	<i>Total Assets</i>	<i>Deferred Income</i>	<i>Fund Balances</i>
	<i>Units</i>	<i>Value</i>					
Hancock Memorial.....	876	\$ 11,189.86	\$.....	\$ 6,044.22	\$ 17,234.08	\$.....	\$ 17,234.08
Howell Fund.....	7,479	95,535.38	14,976.55	7,728.10	118,240.03	.....	118,240.03
Permanent Fund (City Branch).....	8,638	110,340.24	.....	23.72	110,363.96	.....	110,363.96
Permanent Fund (Park Branch).....	14,139	180,609.01	.....	28.98	180,637.99	.....	180,637.99
Ellen Phillips Samuel Memorial.....	55,910	714,184.22	139,117.19	13,391.84	866,693.25	.....	866,693.25
General Fund (City Branch).....	.....	.....	10,855.63	11,042.83	21,898.46	*15.00	21,883.46
General Fund (Park Branch).....	.....	.....	10,047.93	11,516.29	21,564.22	*10.00	21,554.22
Conor-Wood Memorial.....	.....	.....	.....	1,134.72	1,134.72	.....	1,134.72
John Harrison.....	.....	.....	.....	706.24	706.24	.....	706.24
Rittenhouse Square Improvement Association.....	.....	.....	14,200.01	2,468.31	16,668.32	.....	16,668.32
	<u>87,042</u>	<u>†\$1,111,858.71</u>	<u>\$189,197.31</u>	<u>†\$54,085.25</u>	<u>\$1,355,141.27</u>	<u>\$25.00</u>	<u>\$1,355,116.27</u>

* Dues applicable to the year 1961-62.

† See attached Statement of Fairmount Park Art Association Consolidated Investment Fund.

‡ This amount includes \$47,077.63 of income and \$7,007.62 of principal.

NOTE 1—Investments are represented in the above statement at carrying values as indicated on statements and records of the Fidelity-Philadelphia Trust Company, which institution, during the year under review, acted as fiscal agent for the Association under authority from the Board and the Treasurer.

NOTE 2—The value of the Consolidated Investment Fund, as shown in this report, represents the carrying value as indicated by the Fidelity-Philadelphia Trust Company statements. The approximate market value of one (1) participating unit at October 31, 1960 was \$22.0815 and was determined by the relationship which exists between the total number of such units held by the participating funds (87,042 units) and the approximate market value of the fund (\$1,922,015.00) at that date.

CONSOLIDATED INVESTMENT FUND

United States Treasury and Savings Bonds.....	\$ 429,988.15
Other Bonds and Stocks.....	636,196.89
Cash, Principal.....	45,673.67
	<u>\$1,111,858.71</u>

Investments are represented in the above statement at carrying values as indicated on statements and records of the Fidelity-Philadelphia Trust Company, which institution, during the year under review, acted as fiscal agent for the Association under authority from the Board and the Treasurer. The approximate market value as of October 31, 1960 amounted to \$1,922,015.00.

Subject to Comments in Report

TREASURER'S REPORT OF THE ASSOCIATION

October 31, 1959 - October 31, 1960

SAMUEL FUND

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$14,372.34	Sculpture Insurance.....	\$ 624.38
Income from Securities.....	48,565.67	Landscaping:	
Sale of Temporary Investments....	29,710.19	Bulbs for 3 Terraces.....	780.00
Miscellaneous.....	226.01	Maintenance.....	3,152.23
		Architectural Service.....	18,658.05
		Two Pylons:	
		Payment to Sculptor.....	1,000.00
		Casting of Bronze and delivery....	24,875.00
		Zoo Project:	
		Payments to Sculptors.....	9,500.00
		Construction Work.....	395.00
		Miscellaneous.....	54.85
		Auditing.....	320.00
		Purchased U.S. Treasury Bonds....	20,326.51
		Balance October 31, 1960.....	13,188.19
	<u>\$92,874.21</u>		<u>\$92,874.21</u>

Cash balance temporarily invested:

\$25,000. U.S. Treasury 2½s 12/15/62-59
 55,000. U.S. Treasury 2½s 11/15/61
 20,000. U.S. Treasury 2½s 2/15/65
 20,000. U.S. Treasury 3½s 5/15/61
 20,000. U.S. Treasury 4s 5/15/63

GENERAL FUND—PARK

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$11,756.66	Office Salaries.....	\$ 4,595.36
Income from Securities.....	11,506.68	Printing.....	1,035.00
Income from Dues.....	1,890.00	Telephone.....	105.31
Sales of Prints of "Park Houses"...	163.75	Annual Meeting.....	1,753.02
Miscellaneous.....	256.49	Auditing.....	80.00
		Subscriptions and Dues.....	250.00
		Joan of Arc (Cleaning).....	300.00
		Purchased U.S. Treasury Bonds....	5,027.89
		Miscellaneous.....	910.71
		Balance October 31, 1960.....	11,516.29
	<u>\$25,573.58</u>		<u>\$25,573.58</u>

Cash balance temporarily invested:

\$5,000. U.S. Treasury 4% Notes 8/1/59-61
 5,000. U.S. Treasury 4½s 11/15/63

TREASURER'S REPORT OF THE ASSOCIATION

GENERAL FUND—CITY

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$ 4,719.52	Office Salaries.....	\$ 1,148.79
Income from Securities.....	7,254.41	Printing.....	210.50
Income from Dues.....	1,525.00	Annual Meeting.....	438.26
Royalty from Art Alliance.....	4.07	Auditing.....	55.00
Transferred from Washington		Subscription and Dues.....	40.00
Square Improvement Fund.....	109.23	Washington Square:	
		Bronze Plaque.....	531.85
		Landscape Architect.....	145.00
		Balance October 31, 1960.....	11,042.83
	<u>\$13,612.23</u>		<u>\$13,612.23</u>

Cash balance temporarily invested:

\$6,000. U.S. Treasury 4% Notes 8/1/59-61
5,000. U.S. Treasury 3½s 5/15/61

HOWELL FUND

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$11,406.94	Auditing.....	\$ 45.00
Income from Securities.....	6,419.46	Purchased U.S. Treasury Bonds....	10,054.11
		Balance October 31, 1960.....	7,727.29
	<u>\$17,826.40</u>		<u>\$17,826.40</u>

Cash balance temporarily invested:

\$5,000. U.S. Treasury 3½s 5/15/61
5,000. U.S. Treasury 4½s 11/15/63
5,000. U.S. Treasury 4s 2/15/62

RITTENHOUSE SQUARE IMPROVEMENT ASSOCIATION FUND

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$ 5,639.76	Purchased U.S. Treasury Bonds....	\$ 5,026.23
Income from Securities.....	536.25	Miscellaneous.....	14.80
Share of Proceeds of Flower		Balance October 31, 1960.....	2,468.31
Market.....	1,333.33		
	<u>\$ 7,509.34</u>		<u>\$ 7,509.34</u>

Cash balance temporarily invested:

\$5,000. Penna. Turnpike Rev. 3.10s Ser. 1954, 6/1/93
5,000. U.S. Treasury 3½s 5/15/61
5,000. U.S. Treasury 4s 2/15/62

CONOR-WOOD MEMORIAL FUND

Balance October 31, 1959.....	\$ 1,134.72	Balance October 31, 1960.....	\$ 1,134.72
	<u> </u>		<u> </u>

WASHINGTON SQUARE IMPROVEMENT FUND

<i>Income</i>		<i>Expenses</i>	
Balance October 31, 1959.....	\$ 246.73	Evans and Convery.....	\$ 137.50
		Transferred to Gen. Fund-City.....	109.23
	<u>\$ 246.73</u>		<u>\$ 246.73</u>

FAIRMOUNT PARK AS AN EXAMPLE OF PLANNING FOR RIPARIAN LANDS IN PENNSYLVANIA

BY

PROFESSOR IAN L. McHARG

CHAIRMAN, DEPARTMENT OF LANDSCAPE ARCHITECTURE
UNIVERSITY OF PENNSYLVANIA

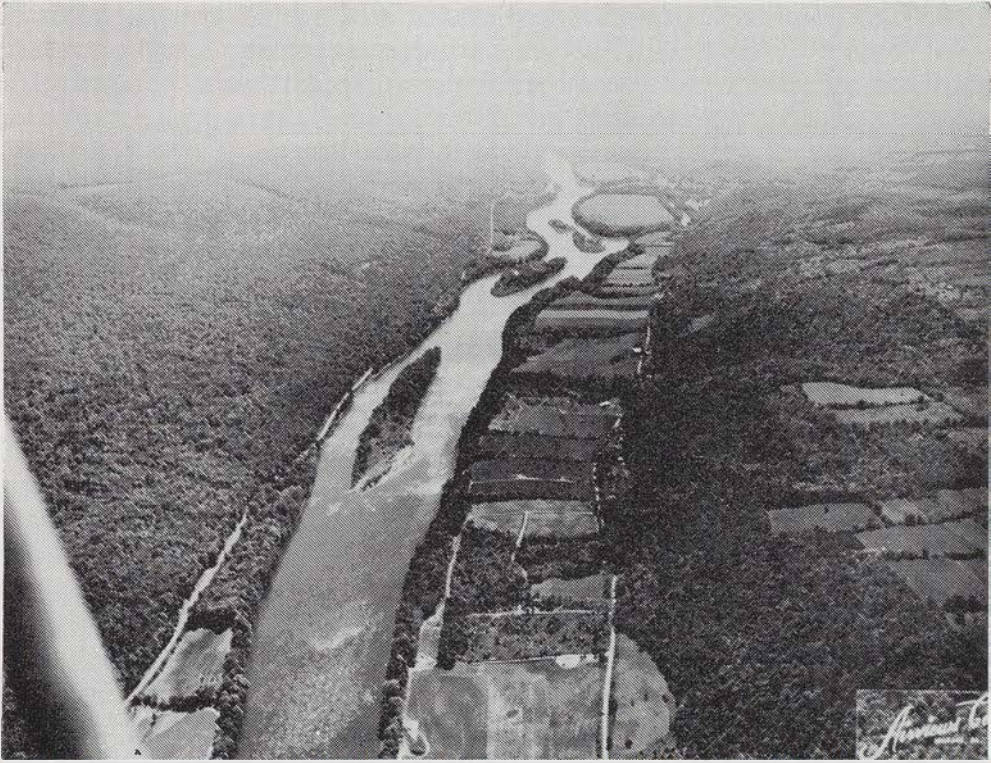
Fairmount Park is a noble concept and accomplishment, a fair landscape bordering the Schuylkill River, the Wissahickon and Cresheim Creeks, a companion to the elegant city building of 18th century Philadelphia, reproach to the quality of city making in the 19th century, challenge and criterion for late 20th century urban rehabilitation and growth. The realization of the dream of Penn and Holmes that Philadelphia be a "green countrie town" has hardly been accomplished. The reality of the dream does not exist today in the squares of the original conception, although these are welcome oases, much less in this dream realized in the city at large. The "green" of Philadelphia overwhelmingly is attributable to that single conception and achievement, Fairmount Park.

It is illuminating to perceive the essential nature of this conception. This is no randomly located finger of green reaching from suburb to central city. It is the retention of a river and streams and their bordering lands in a natural condition; additionally this land is in the public domain. In this conception there is great wisdom. A river may be beauty and beast. In the changing nature of water, still and reflective, vivacious in movement, the bordering trees and meadow, rocks and herbs, the sequence of seasons, there is great beauty. Water moves us all, it is the source of all life, the ancestral home. Yet, with the violence of flood the river displays a different character, implacable, destructive, brushing the obtruding works of man from its flood plain. In the natural scheme this recurrent flooding is more beneficial than destructive, the richness of the valley depends upon the deposition of alluvium from the river in flood. These deposits are the sustenance for the plants which grow in the valleys. The twin aspects of the river, beauty and beast, are basic to the Fairmount Park concept in which the river, streams and their banks have been largely left in a natural condition, as a vital embellishment to Philadelphia, a great resource for delight and recreation, a form giving element in the city and not least a wise defense against the recurring threat and damage from floods. This damage has been considerable in the past; damages to the value of \$200,000,000 were attributed to the floods of 1955 in the Delaware Basin Watershed.

The threat of flood increases each year. Every human act, in transforming forest to farm, farm to hamlet, hamlet to town, town to city, city to metropolis increases the amount of runoff, the time of concentration of runoff and consequently the threat of flood and the height of flood level. To build upon a river's edge is to flaunt destruction, even death. Parallel to these human acts which increase the incidence of flood and raise flood level and flood damage there is also the diminution of open space for recreation, even more needed for rising populations.

Projection of the present level of population growth anticipates 300,000,000 Americans by the end of this century; in this period it is anticipated that the population of New York will rise to 22,000,000, for Philadelphia a population of 6,000,000 is envisaged. This unprecedented growth will produce great new pressures upon the resources of land. Yet there is no unified land policy. In the West Federal Lands, National Parks and Forests represent bastions against prodigal waste, philistine despoliation; in the East there are few such public lands; State Lands, Parks, Forests, Game Lands are scattered, unstructured, inadequate. There are few bastions against despoliation, the land is vulnerable to the inchoate development of suburbanization so characteristic of the past decades, so imminent in the future.

This situation can be examined in terms of the Delaware River Basin. The Catskills are the origin of the headwaters, further South the Poconos add their tributaries, the Delaware River thence passes through the agricultural piedmont, and widens into the estuary marshes. This great watershed was once covered by primeval forests, now all destroyed; most of this destruction was accomplished, not for conversion to farmland or for timber exploitation but rather to chase the frightening shadows. The land supported abundant wildlife; many of the major species are now extinct or banished. The rivers in the watershed were once clear and clean. Today they range from muddy to foul. Where are the frolicking sturgeons, the great runs of shad once common on the Schuylkill River? This tragic story of despoliation in the countryside has its parallel in city building. From beginnings of humble but excellent village and town building developed squalid and careless city building, suburban sprawl. In this sad story there are several noble aberrations, the vision and plan of Penn and Holmes, Fairmount Park, the farming of Menonite and Amish, Gifford Pinchot, the State Park and Forest movement, and not least the individual acts of wisdom, conscience and art which have bequeathed islands of concern and continuing delight in city and suburb. But these are aberrant to the continued ravage of countryside, the symbols of hot dog stand, gas station, diner, second hand car lot, automobile cemetery, sagging wires and the ubiquitous billboard, which express the modern city.

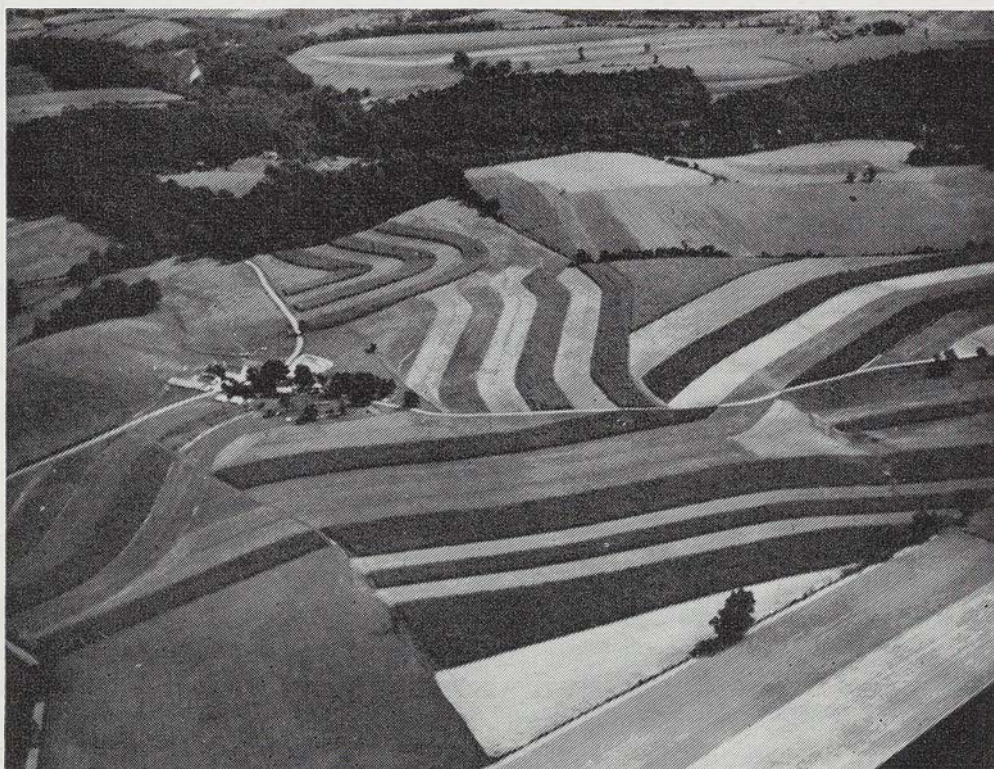


This region has benefited from the great regenerative power of nature. Although modern forests are pale shadows of the primeval stands, they do clothe the land. There are splendid and prosperous farms in the piedmont. This land, unprotected, even unaware of the need for protection, lies in the path of an unprecedented increase in population, extension of urbanization and development. Much of this region lies in the path of the great linear city which extends now from Washington, Baltimore, Wilmington, Philadelphia/Camden, Trenton to New York and beyond. Projection of the past pattern of growth shows a wide swath of urban land uses coalescing into a linear city Philadelphia-New York. In the path of this expansion lies much of the agricultural hinterland of Philadelphia, many rural counties in both Pennsylvania and New Jersey. Presumably continued expansion of Philadelphia will be radial and concentric in addition to the New York-Philadelphia coalescence. Such growth will threaten Catskills and Poconos, the rural counties West of New York, the fringe of rural lands surrounding Philadelphia/Camden.

Some sense of the consequences of this expansion may be gained from the following. If the increase in population in the New York and Philadelphia Metropolitan Areas corresponds to the density of development in the post-war years New York will add 1,250 square miles of urban land use to its perimeter, Philadelphia will almost

quadruple the land area of urban use in adding 500 square miles of development. From this can be seen that extension of the present patterns of metropolitan expansion can only have catastrophic effect upon the surrounding rural landscape, the vast and squalid proliferation of suburbia, the distant banishment of open countryside. Once this land was covered by primeval forests; these were destroyed. The land regenerated into forest; much of it now supports rich farmland. This land confronts a new threat, the more permanent blight of extensive urbanization.

Urban planning has developed criteria, analysis and synthesis, a body of professionals and certain powers. Planning for rural areas, indeed planning for Metropolitan expansion, lacks comparable concern, planning criteria, powers and, even more crucially, a body of skilled professionals. Lay conservationists, landscape architects, foresters and soil conservationists, represented in public and private bodies, form the core of concern. They are few in number, lacking power, their only resource a great resolution. Their task is vastly compounded by the multiplicity of townships, cities, counties, states and Federal agencies which have sectional or functional concerns in rural areas. These political boundaries and existent agencies are inappropriate and inadequate for the planning of rural lands or indeed for planning in metropolitan regions. Into this vacuum of



planning for rural areas has been interjected a new and powerful tool—the river valley planning powers allocated to the U. S. Engineers and incorporating the offices of a wide range of Federal, State and Local agencies, notably including the National Parks Service.

A Plan for the Delaware River Basin has been produced by the U. S. Engineers. In it are proposed a wide range of flood control measures, notably nineteen dams, one at Tock's Island impounding a lake on the Delaware over 30 miles in length. The majority of these dam sites are in addition accorded a recreational function. In order to realize the objectives of this plan The Delaware River Basin Advisory Committee has advocated the creation of a Federal-State Compact. Thus, for the first time in the region there has been proposed a plan for the Delaware River watershed, a plan which encompasses the rural hinterland of Philadelphia, the lands between Philadelphia and New York. Its scope embraces flood control, water supply, hydroelectric power, navigation and recreation.

There is a wide consensus that the greatest achievement of planning in the 20th century is the Tennessee Valley Authority. While its success is attributable to many factors, the recognition of the multiple role of water and recognition of the watershed as a primary planning unit are fundamental determinants. While it must be recognized that the watershed is not an appropriate planning unit for many circumstances, notably urban concentrations, it is equally patent that the watershed can be a superb planning unit for a great many circumstances and that it does offer great promise as a planning unit for rural areas.

I suggest that there is the utmost urgency in planning for rural areas, particularly in metropolitan regions. I am persuaded that the watershed can be a most productive planning unit. The U. S. Engineers plan offers a basis for this device. The criteria for watershed planning, precipitation, runoff, vegetative cover, geology and soils, flood plains, the role of mountains and hills, estuary marshes, agricultural land, all of these are amenable to objective measurement, cause and effect can be determined and predicted. The passage of water, from rain, snow, sleet, hail and dew, the transpiration of plants, on its slow passage to the sea covers the entire area of the watershed, unites and sustains every organism within the watershed; it is as important to micro-organism and mammal, forest and farmland as to family and factory.

The Delaware River Basin Plan produced by the U. S. Engineers has concentrated upon the solution to flood control, water supply, hydroelectric power and recreation by proposing large dams. The majority of these sites will have a recreational function. There will therefore be created a number of large public recreational sites. These

sites have a unity of flood control, water supply or the provision of hydroelectric power. In terms of location for recreation these sites are largely fortuitous. When in addition one examines the pattern of existing public lands in the Delaware watershed there is found a wide variety of types, a National Wildlife Refuge, many State Parks, State Forests, State Game Lands, County Parks. For reasons of existing legislation these are mainly located in areas of cheap land. It has been impossible heretofore to acquire public lands in large areas near the great centers of population in New York and Philadelphia. While the greatest possible credit must be given to the acquisition policy of the Secretary of Forests and Waters for Pennsylvania, I am sure it will be agreed that it has so far been impossible to create an integrated system of public lands in the four-state watershed area. It must be said that, by and large, their provision is inadequate, their location lacks structure or even relation to existing need.

It must be observed that the single tool available in this process is acquisition by purchase. It is immediately evident that wise planning of the watershed rural hinterland cannot be solved by public acquisition and the creation of Federal, State and County Lands in Parks, Forests and Game Lands.

It would appear that in the creation of a State-Federal Compact for the watershed a Planning Agency must be created. It would also appear that such an agency requires additional tools to ensure wise planning of rural lands in the watershed.

I suggest that there must be developed a wide range of tools, some existing but given new application. Zoning would epitomize this group. In addition I suggest the concept of Riparian Lands and Flood Plain Zoning, the Coefficient of Runoff, Agricultural and Forest Zoning, Development Rights in addition to the major tool of acquisition.

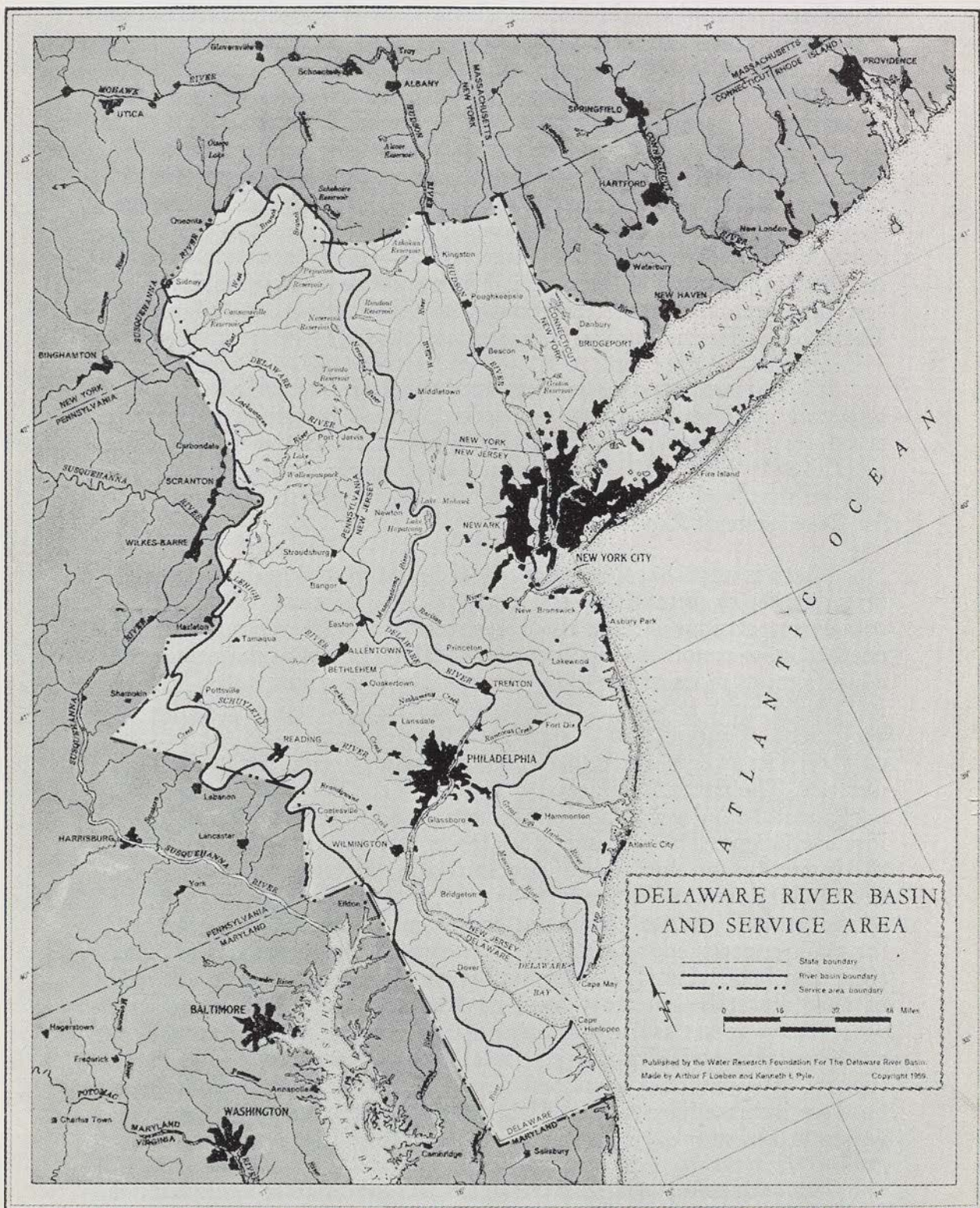
The first of these tools—Riparian Lands Planning—is the title of this article and its concept is considered in the eulogy of Fairmount Park with which this article opens. In essence it proposes that the stream bed and its adjacent land on both banks, up to an elevation in excess of the highest recorded flood, be forbidden to development. This land may be in public or private ownership but it will carry an encumbrance forbidding development. My own suggestion is that such lands be named "Washington's Lands" with the connotation of the pre-eminence of the Commonwealth and the associative image of George Washington and the River Delaware. This suggestion in essence advances a proposal for land use for all rivers and streams within the watershed identical to the treatment accorded in Fairmount Park to the River Schuylkill, the Wissahickon and Cresheim Creeks. The efficacy of this concept is patent in Philadelphia. It surely has relevance throughout the watershed.

This proposal would include the concept of Flood Plain Zoning but would extend it to include all streams and rivers. It would retain, in natural condition, the streams and banks of all waterways; it would provide a natural structure of open space throughout the watershed in rural, suburban and urban areas. This, I suggest, can be an invaluable planning tool, protecting headwater areas, the agricultural piedmont, the estuary marshes, a flood control device, the means of providing a structure of land in a natural condition, refuge for small mammals and wildlife and not least a device to minimize or eliminate flood damage which we have seen can amount to \$200,000,000 in a single flood. I know of no other device which can have such an ameliorative and protective role in land planning. The proof is Fairmount Park in Philadelphia.

It is not my purpose to investigate the legal possibilities and the financial implications of this proposal. It is enough to state that examples of voluntary restriction of riparian development by covenant already exist. Mill Creek is such an example. Should compensation be involved it would presumably correspond to the precedent for Development Rights.

There is a further flood control and land planning device which may justify examination—the concept of coefficient of runoff. A totally impervious surface absorbs no water, the water runs off, the coefficient of runoff is thus 100%. A totally absorbent material such as sphagnum moss of the tidal estuary absorbs water up to 3 times its own weight at which time it is saturated. Until that point its coefficient of runoff is 0%. Between these extremes lies the central city with its streets, roofs, parking areas and a coefficient in the high nineties. The forest in contrast may have a coefficient of 5% to 10%; agricultural land will vary but generally occupies an intermediate-low coefficient. The amount of water in any stream is a function of the intensity and duration of precipitation, the slope of the ground in the watershed, vegetative cover and, most important, the surface of the ground and its associated coefficient of runoff. Consequently for each constituent watershed in the total Delaware River Basin there can be allocated a coefficient of runoff appropriate to the role of that watershed in any flood control scheme. The headwaters, which have to act as upland restraint and sponge, must have low coefficients of runoff. Equally the tidal estuary marshes, the lowland sponge, must support low coefficients. The intermediate areas may have an intermediate factor. This holds true not only for the entire watershed but for each constituent tributary and its watershed.

The ascription of a low coefficient of runoff to a mountainous area is an insurance that it must be in forest; a similar ascription to riparian lands of the estuary requires the perpetuation of marshes.



This device has one limitation. While it is a most valuable and appropriate determinant of land use for the majority of situations, it is diminished in effect when the entire watershed is frozen. In this case runoff will be high irrespective of soils, geology or vegetative cover. This qualification does not justify rejection of the concept which remains, I am convinced, a valuable member of a panoply of important planning devices.

Yet another concept is that of Agricultural Zoning, which, I suggest, should be caused to include Forestry Zoning. This concept of agricultural zoning has been advanced in Santa Clara County in California. It is simply an extension of the zoning power to include not only residential, commercial and industrial land uses but to add agricultural use to zoning categories. It would be valuable in the Delaware River Basin to have a zoning power for agricultural and forest land. The problem encountered is whether such a zoning power should be vested in a River Basin Authority, in the constituent states or whether it should remain vested in County and Municipal authority. In Santa Clara County agricultural zoning has offered a defense against profligate conversion of superb fruit farms into appalling suburban developments. The threat is even greater in the hinterlands of Philadelphia and New York. Zoning for agricultural and forest land can be a valuable addition to planning tools in the watershed.

The conception of Development Rights has received considerable attention recently. In essence it involves the acquisition of rights over property without acquisition of the property itself. This device has a long history in the acquisition of scenic easements for highway rights of way. William Holly Whyte, Jr. has advocated this device for the acquisition of development rights in rural lands adjacent to cities. His proposal is that public authorities purchase development rights to forbid change of land use or development. It has been pointed out that in suburban areas the cost of development rights acquisition is too close to the cost of outright acquisition to be justifiable. Undoubtedly, however, in areas now distant from city and suburb but within the compass of foreseeable expansion, where land is now undeveloped and cheap, the concept of development rights might well have great relevance. Even more particularly in the case where two public areas, State Parks for instance, lie on parallel mountain ridges with an agricultural valley in private ownership between, the device of development rights might well exclude the fester of hotdog stands, diners, neon signs and motels and the like. This, too, is a valuable additional device.

It is noteworthy that of these devices proposed the concepts of Coefficient of Runoff, Agricultural Zoning, Forest Zoning and Flood Plain Zoning involve no compensation. The concept of Riparian

Lands may involve compensation although in existing application no compensation has been involved. Should the conception of Riparian Lands be conceived as an extension of Flood Plain Zoning then it need not involve compensation. Development Rights do involve costs, although these, by their nature, must be less than outright acquisition. These proposals offer a panoply of new tools, demanding legislative authority, but in general not involving significant financial expenditure.

Should these devices help to insure an appropriate land use for flood control reasons and the best utilization of natural resources, the power of acquisition can be utilized for other purposes. Among these purposes the most notable would be acquisition of land for recreation. We can agree that Catskills and Poconos, Agricultural Piedmont and Estuary Marshes cannot be protected by acquisition into the public domain. Let us find those devices which can ensure wise protection and development of our natural resources. Let us also ensure that the public authority, Federal, State, County and Municipal do acquire and develop lands for recreation utilizing their power of acquisition and that this power should be directed towards the provision of recreational areas, State and County Parks within the orbit of metropolitan areas.

I trust that something of the nature of the problem emerges from this examination, a rural hinterland of two great metropolitan areas, menaced by unprecedented expansion, vulnerable to inchoate development, lacking any unified planning agency or adequate planning tools. Into this vacuum has entered the watershed plan of the U. S. Engineers and the proposal for a Federal-State Compact. These twin proposals offer an unprecedented opportunity for land planning in the rural hinterlands. The Delaware River Basin may become the planning unit, flood control, water supply, hydro-electric power generation and the provision of water based recreation become its planning criteria. At the moment the single available tool is acquisition of land into the public domain. This enquiry suggests that this single tool must be supplemented by additional devices—among these the concepts of Riparian Lands and Flood Plain Zoning, Coefficient of Runoff, Agricultural and Forest Zoning and acquisition of Development Rights are advocated.

The relevance of the Fairmount Park Concept to the Delaware River Basin also applies to the Philadelphia metropolitan area, and the city of Philadelphia itself. In the metropolitan area the devices proposed have an immediate relevance. It is interesting to observe the effective planning in this region which is being undertaken by Watershed Associations, the Neshaminy, Brandywine and Upper Wissahickon in Pennsylvania and Stony Brook in New Jersey. In

each of these the concepts of Flood Plain Zoning, flood control proposals for small headwater dams, soil conservation, reforestation and the acquisition of development rights are being considered. These watershed associations represent the healthiest and most effective type of planning. They constitute a vital cellular element in the entire watershed and a prime example for the Philadelphia Metropolitan Region. Riparian Lands, Coefficient of Runoff, Agricultural and Forest Zoning have direct relevance in this realm.

The problems of Philadelphia are inseparable from those of the Metropolitan Region; in no matter is this more true than in the field of recreation. The consumers are in the city and lack both space and facilities; these are in the rural hinterland within distinct political jurisdictions. I am convinced that metropolitan planning is essential on many counts, prime among these is creation of a metropolitan open space and recreation plan.

However, if we consider the provision of open space and recreation within the city boundaries we are provoked to sad conclusions. Philadelphia was located on a superb natural site, between two splendid rivers. The Penn-Holmes plan provided for a humane city with its five green squares. It also provided a rural hinterland in the "Liberty Lands". The squares have diminished in number, the quid-pro-quo for City Hall, Rayburn Plaza, will soon be submerged by a municipal building, the Liberty Lands have been enveloped, the west bank of the Schuylkill adjacent to city center has been lost irretrievably, the east bank opposite is a case study of anarchy, disorder and dereliction. The anticipated convenience of the Schuylkill Expressway appears transitory, the mauling of Fairmount Park is permanent, Gustine Lake is embattled, Point of Rock and Wissahickon Drive are imperilled by the promise of improvement and the certainty of rape. In the catalogue of progress open space has been continually overrun; Fairmount Park is the single exception—a beautiful park which has largely resisted assault. Pennypack Park, Cobbs Creek Parkway add their leavening as major public open spaces within the city.

Since the Philadelphia renaissance two major new open spaces have been added, the first a gift from the Federal Government—Independence National Historic Park, the second the benison of the State of Pennsylvania—the State Mall. What of the city? No major open spaces have been developed by the City in this period. There is no indication of such a provision in the Philadelphia Comprehensive Plan—an otherwise admirable document. In this plan, while 75% of public money is allocated to streets and highways, the percentage allocated to open space and recreation is only 3%. I suggest that this is not parsimony but rather a major error of judgment. I submit that in this plan there is too great a faith in the power of concrete, steel,

glass, too little faith in the power of trees and meadow, sky and water, rocks and grass. Did the great gesture which produced Fairmount Park expend all of the energies of the City of Philadelphia in park making? This must not remain so. The energies which Philadelphia is expending in rehabilitation must have a concern with the provision of open space. The lesson of Fairmount Park is clear. Can we reclaim the Delaware from dereliction within the city limits; can we redeem the River Schuylkill from the Art Museum to the Delaware; can we salvage the banks of the Schuylkill from the junction of the Wissahickon to the city limits; can we extend the stream bordering parks on the Poquessing, Pennypack, Frankford-Tacony, Derby and Cobbs Creeks? As Fairmount Park has shown the streams and riparian lands can be superb recreation areas, splendid embellishments to the city. They can provide a structure of green, vital elements of urban form. The Fairmount Park Concept has not been surpassed in its imagination, boldness and wisdom; it remains a splendid criterion and challenge to modern Philadelphia in its search for a humane city, "a green countrie town".

In this objective the Fairmount Park Art Association can find a dynamic role. Heretofore the Association has concentrated upon the commissioning of sculpture for location in Fairmount Park. The City of Philadelphia has reason to be grateful for this activity. May I suggest that this Association can fulfill two vital additional purposes, as advocate of the Fairmount Park Concept for the Delaware River Basin and as leader in the extension of the Fairmount Park Concept to the city of Philadelphia. In commissioning artists may I commend to the attention of the Association not only the plastic arts but the social art of landscape architecture, those professionals who have assumed the objectives so vivid in the singular achievement of Fairmount Park, for whom the definition has been coined "the professional conscience of society for man's acts to nature, the artist expressing the order within which man exists".

MARKLEY STEVENSON

At a meeting of the Board of Trustees of the Fairmount Park Art Association, held January 26, 1961, the following resolution was adopted:

BE IT RESOLVED, that the Trustees of the Fairmount Park Art Association, record with deep sorrow the death of their fellow member, Markley Stevenson.

He became a member of the Board of Trustees in 1947 and brought to its meetings an extensive knowledge of many municipal, state and national projects through his connections as one of the leading American landscape architects. He served on the Committee on Plan of the City as its Chairman and, likewise, on the Committee on New Projects. The imaginative and distinguished plans of his firm for county planning of southeastern Pennsylvania, the work on landscaping the capitol in Washington, the planting plan for the Schuylkill Expressway and the planting of The Ellen Phillips Samuel Memorial, for this Association, are but a few examples of his splendid conceptions in beautifying areas familiar to us all. As a Board member he was faithful in attendance at its meetings, taking an active and constructive interest in all our endeavors.

BE IT FURTHER RESOLVED, that a copy of this Resolution be sent to his family.

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MR. VINCENT B. BRECHT

MR. H. HOWARD ELLISON

MISS JULIA W. GRIFFITH

MISS GLADYS H. GRISCOM

MR. JOSEPH LINDEN HEACOCK

MISS ANNE POWELL HUTCHINSON

MR. JOHN B. KELLY

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MRS. AXEL ROSSELL

MRS. HORACE W. SELLERS

DR. J. WILLIAM WHITE

MR. IRA JEWELL WILLIAMS

MRS. STANLEY E. WILSON

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PARK BRANCH

This fund was created in the year 1874 by a resolution of the Board of Trustees, which appropriated the sum of \$3,000 as a nucleus.

All amounts received from Life Memberships, ten per centum of the annual dues of members, together with all special donations, are added to this fund.

In 1895 the special form of membership known as "Perpetual Members" was adopted, all sums received in connection therewith to become a part of the Permanent Fund. Perpetual Membership may either be in one's own name, or "In Memoriam."

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1897	Converse, Mrs. John H.*	1901	Frazier, William W.*
1898	Elkins, William L.*	1906	Lippincott, J. Dundas*
1898	Elkins, Mrs. William L.*	1907	Barklie, Mrs. Archibald*
1899	Dolan, Thomas*	1919	Cohen, Charles J.*
1899	Harrison, Charles Custis*	1924	Clements, Mrs. Frank G.*
1900	Morris, Miss Lydia T.*	1936	Howell, Isaiah Hacker*

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1895	Smith, Richard	1901	Drexel, Anthony J.
1895	Phillips, Miss Ellen	1901	Scott, Thomas A.
1895	Phillips, Henry M.	1904	Henry, Charles W.
1898	Fitler, Edwin H.	1904	Howell, Charles H.
1898	Howell, Henry C.	1906	Dundas, James
1900	Morris, Isaac W., Jr.	1922	White, J. William
1900	Dreer, Mrs. Ferdinand J.	1925	Moulton, Mrs. Byron
1901	Justice, Miss Cecilia	1926	Smith, C. Morton

CITY BRANCH

1904	Howell, Charles H.	1927	Smith, J. Frailey
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* Indicates deceased members.

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Francis Henry Taylor*	Lewis Mumford
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The fee for Life Membership in either Branch is one hundred dollars; two hundred in both. That for Annual Membership is five dollars in either Branch; ten dollars in both.

Corrected to April 2, 1961

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