

## INDEX.

A.	
	Page.
Active Members .....	18
Address of the President.....	51
Adrenin, The Effect of, on the Pigment Migration in the Melanophores of the Skin and in the Pigment Cells of the Retina of the Frog. A. J. Bigney.....	141
Aeration, The Effect of, on Plants. F. M. Andrews.....	149
Anatine Genus <i>Myroca</i> , The, and Its Nearest Allies. Harry C. Oberholser.....	105
Anderegg, F. O. Recent Progress in the Use of Ozone in Ventilation..	271
Andrews, F. M. An Improved Method for Regulating the Thickness of Microtome Sections.....	151
Andrews, F. M. Phyllotaxis of <i>Specularia Perfoliata</i> .....	149
Andrews, F. M. The Effect of Centrifugal Force on Plants.....	143
Andrews, F. M. The Effect of Aeration on Plants.....	147
Andrews, F. M. Studies on Pollen, III.....	155
Appropriations .....	8
Antennae Resistance, Note on. R. R. Ramsey.....	289
B.	
Bigney, A. J. The Effect of Adrenin on the Pigment Migration in the Melanophores of the Skin and in the Pigment Cells of the Retina	141
Biological Laws and Social Progress. H. L. Bruner.....	51
Birds of Carroll, Monroe and Vigo Counties, Indiana, Notes on. Barton Warren Evermann.....	315
Birds, Some Rare Indiana. Amos W. Butler.....	135
Bruner, H. L. Biological Laws and Social Progress.....	51
Butler, Amos W. Some Rare Indiana Birds.....	135
By Laws .....	7
C.	
Carr, R. H. and E. F. Ripley. What Puts the "Pop" in Pop Corn?...	261
Committees, 1920 .....	11
Constitution .....	5
Contents .....	3
Copper, Aluminum, and Lead, Slow Recovery and Permanent Set in. Albert E. Woodruff.....	281

Cox, Ulysses O. (In Memoriam)	
B. W. Evermann.....	45
Culbertson, Glenn. Some Evidences of the Importance of Frost Action in Widening Valleys.....	247
Curators .....	10
Cuscuta, A Species of, Not Hitherto Reported from Indiana.	
T. G. Yuncker.....	229

## D.

Deam, Chas. E. Plants New to Indiana.....	225
Dietz, Harry F. Notes on the Termites.....	87
Dragonflies, Notes on Indiana.	
E. B. Williamson.....	99
Drosophila Melanogaster, Segregation and Recombination of the Genes for Tinged, Blood, Buff, and Coral in.	
Roscoe R. Hyde.....	291
Drosophila Melanogaster, Behavior of the Gene for the Mutant Curved of, in Crosses Involving Genes in the Same and Other Chromosomes.	
Roscoe R. Hyde.....	301

## E.

Emotions, Tests of the.	
Sidney L. Pressey.....	71
Estabrook, Arthur H. Report of a Study of Mental Ability of Chil- dren in One Orphans' Home in Indiana.....	69
Evermann, Barton Warren. Notes on the Birds of Carroll, Monroe, and Vigo Counties, Indiana.....	315
Evermann, B. W. Ulysses O. Cox (In Memoriam).....	45

## F.

Fellows .....	13
Fresh-Water Medusae, The, of Boss Lake, Elkhart, Indiana.	
F. Payne .....	97
Frost Action, Some Evidences Indicating the Importance of, in Widening Valleys.	
Glenn Culbertson .....	247

## G.

Gardner, Max W. Indiana Plant Diseases, 1920.....	187
---	-----

## H.

Health Service at Purdue University.	
O. P. Terry.....	59
Heimlich, Louis F. Native Plants of White County—I.....	219

Hyde, Roscoe R. Segregation and Recombination of the Genes for Tinged, Blood, Buff, and Coral in <i>Drosophila Melanogaster</i> .....	291
Hyde, Roscoe R. Behavior of the Gene for the Mutant Curved of <i>Drosophila Melanogaster</i> in Crosses Involving Genes in the Same and Other Chromosomes.....	301

## I.

Indiana Fungi.	
V. J. M. Van Hook.....	209
Indiana Plant Diseases, 1920.	
Max W. Gardner.....	187

## J.

Jackson, H. S. A Convenient Laboratory Plant Press.....	183
Jackson, H. S. The Ustilaginales of Indiana, II.....	157
Jackson, H. S. The Uredinales of Indiana, III.....	165

## K.

Kohl, Edwin J. Mallophaga of Our Native Birds.....	119
--	-----

## L.

Long Wave Receiver, A.	
R. R. Ramsey.....	289
Ludwig, C. A. A Curious Variation in the Common Milkweed.....	243

## M.

McBride, Robert W. Some guesses of an Ignoramus.....	65
Mahin, E. G. Training Research Chemists in Indiana.....	275
Mallophaga of Our Native Birds.	
Edwin J. Kohl.....	119
Malott, Clyde A. Planation Stream Piracy.....	249
Members .....	13
Mental Ability of Children in One Orphans' Home in Indiana, A Study of.	
Arthur H. Estabrook.....	69
Milkweed, A Curious Variation in the Common.	
C. A. Ludwig.....	243
Minutes of Spring Meeting, 1920.....	30
Minutes of the Thirty-sixth Annual Meeting.....	32
Mosses, A List of Indiana.	
T. G. Yuncker.....	231

## N.

National Research Council. State Archaeological Survey.....	79
Native Plants of White County—III.	
Louis F. Heimlich.....	219

New Members .....	35
Non-Resident Members and Fellows.....	16

## O.

Oberholser, Harry C. The Anatine Genus <i>Nyroca</i> and Its Nearest Allies .....	105
Officers, 1920 .....	10
Ozone, Recent Progress in the Use of, in Ventilation. F. O. Anderegg.....	271

## P.

Payne, F. The Fresh-Water Medusae of Moss Lake, Elkhart, Indiana Planation Stream Piracy. Clyde A. Malott.....	97 249
Plant Press, A Convenient Laboratory. H. S. Jackson.....	183
Plants New to Indiana. Chas. C. Deam.....	225
Pollen, III, Studies on. F. M. Andrews.....	155
Pop Corn? What Puts the "Pop" in. R. H. Carr and E. F. Ripley.....	261
Program of the Thirty-sixth Meeting.....	39
Public Offenses, Hunting Wild Birds, Penalty.....	9
Pycnidium of <i>Cicimobolus</i> , The. J. M. Van Hook.....	215
Pythons, Some Observations on the. W. Henry Sheak.....	115

## R.

Radio Telephone, A Resistance. R. R. Ramsey.....	287
Ramsey, R. R. A Long Wave Receiver.....	289
Ramsey, R. R. A Resistance Radio Telephone.....	287
Ramsey, R. R. Note on Antennae Resistance.....	289
Ripley, E. F. R. H. Carr and. What Puts "Pop" in Pop Corn?.....	261

## S.

Sheak, W. Henry. Some Observations on the Pythons.....	115
Shonle, Horace A. Undergraduate Research in Our Colleges and Universities .....	75
Some Guesses of an Ignoramus. Robert W. McBride.....	65
State Archaeological Survey, National Research Council; Division of Anthropology and Psychology.....	79
Swans, Whistling. Etta S. Wilson.....	83

## T.

Termites, Notes on the.	
Harry F. Dietz.....	87
Terry, O. P. Health Service at Purdue University.....	59
Training Research Chemists in Indiana.	
E. G. Mahin.....	275
Tricotyledonous Bean, A.	
J. M. Van Hook.....	217

## U.

Undergraduate Research in Our Colleges and Universities.	
Horace A. Shoule.....	75
Ustilaginales of Indiana, II, The.	
H. S. Jackson.....	157
Uredinales of Indiana, III, The.	
H. S. Jackson.....	165

## V.

Van Hook, J. M. A Tricotyledonous Bean.....	217
Van Hook, J. M. Indiana Fungi—V .....	209
Van Hook, J. M. The Pycnidium of <i>Cicinnobolus</i> .....	215

## W.

Williamson, E. B. Notes on Indiana Dragonflies.....	99
Wilson, Etta S. Whistling Swans.....	83
Woodruff, Albert E. Slow Recovery and Permanent Set in Copper, Aluminum, and Lead.....	281

## Y.

Yuncker, T. G. A List of Indiana Mosses.....	231
Yuncker, T. G. A Species of <i>Cuscuta</i> , Not Hitherto Reported from Indiana .....	229