

# INDEX TO VOLUME XLII, 1967

	Page		Page
Activity Coefficient, The, of Potassium Chloride in Aqueous Solution as Measured in a Cation-sensitive Glass Electrode	26	Cave, Snali Shell Sinkhole: A Microhabitat	126
Adkins, Kenneth (Abstract) with Miquel Azar	53	<i>Caucasonethes, henroti</i> , New Data on the Range of the Troglotic Trichoniscid Isopod	15
Aire, K. K. (Abstract)	49	Caudle, Carol (Author) with Jerry M. Baskin. Germination and Dormancy in Cedar Glade Plants—I. <i>Aristida longespica</i> and <i>Sporobolus vaginiflorus</i>	132
<i>Ambystoma talpoideum</i> , A record of the Mole Salamander, from Middle Tennessee	28	Cedar Glade Plants, Germination and Dormancy in, I. <i>Aristida longespica</i> and <i>Sporobolus vaginiflorus</i>	132
Amphibia, Distribution of the Herpetofauna of Davies Island, Center Hill Reservoir	86	Celauro, Francis L. (Abstract)	46
Anderson, N. G. (Abstract) with L. H. Elrod	54	Channel, R. B. (Abstract) with John D. Freeman	47
<i>Aquasypha</i> , West Indian Species of, and <i>Veluticeps</i> , with Notes on Extralimital Species	80	Chapman, Joe A. (Abstract) with Frank H. Barclay	48
<i>Aristida longespica</i> Germination and Dormancy in Cedar Glade Plants—I, and <i>Sporobolus vaginiflorus</i>	132	Chester, William W. (Author). Vegetable Production in Dyer County, Tennessee	129
Azar, Miquel (Abstract) with Kenneth Adkins	53	Chism, Virginia E. (Abstract) with Robert H. Morrison	78
Azar, Miquel (Abstract)	54	Conaster, Bobby D. (Abstract)	79
Baker, C. L. (Author). Report of the Director of the Reelfoot Lake Biological Station	1	Corrick, Harriet P. (Abstract)	78
Baker, C. L. (Author) with Judith W. Rosenquist. The Urogenital System of the Male <i>Necturus maculosus</i>	1	Counce, Elmer W. (Abstract) with George Horton and Walter R. Miller	56
Ballal, S. K. (Author). Certain Cultural and Physiological Variations Among Some Resupinate Polypores	96	Cumberland County, Tennessee, Iron and Manganese in Ground Water from Sandstone Aquifers in	104
Barclay, Frank H. (Abstract) with Joe A. Chapman	48	Currie, Betty (Abstract)	77
Baskin, Jerry M. (Abstract) with Joseph Ludlow	48	Cypert, Eugene (Author), The Curly-leaved Pondweed Problem at Reelfoot Lake	10
Baskin, Jerry M. (Author) with Carol Caudle. Germination and Dormancy in Cedar Glade Plants—I. <i>Aristida longespica</i> and <i>Sporobolus vaginiflorus</i>	132	Davies Island, Center Hill Reservoir, Distribution of the Herpetofauna of	86
Benson, Bryant (Abstract)	53	De Selm, H. R. (Abstract)	47
Benzyl-Chlorobenzyl Sulfoxide		De Selm, H. R. (Abstract) with W. F. Harris	47
Boehms, C. N. (Abstract) with Jane Sine	55	Deyling, Mary C. (Abstract)	
Borer, Life History and Habits of the Dogwood, <i>Thamnosphacia Scitula</i> (Lepidoptera: Aegeriidae) in Tennessee	117	Dimmick, R. W. (Author) with Warren V. Brigham, and Arnold Gnilka. A Record of the Mole Salamander, <i>Ambystoma talpoideum</i> from Middle Tennessee	28
Brigham, Warren V. (Author) with Arnold Gnilka and R. W. Dimmick. A Record of the Mole Salamander, <i>Ambystoma talpoideum</i> from Middle Tennessee	28	Dixon, Edmond D. (Abstract)	51
Brock, H. R., Jr. (Abstract)	55	Dogwood Borer, Life History and Habits of the	117
Brown, William David (Abstract)	115	Dormancy, in Cedar Glade Plants—I. <i>Aristida longespica</i> and <i>Sporobolus vaginiflorus</i> , germination and	132
Burke, Edward W., Jr. (Abstract) with William W. Rolland and John F. Reuning	54	Driving a Car, Some Mathematics of	
Burnelle, L. A. (Abstract) with L. Schaad	50	Dyer County, Tennessee, Vegetable Production in	
Campbell, Norman, New President of the Academy	37	Eggers, Frank (Abstract)	79
Caplenor, Donald (Author) with Dao Cong Nhu. Reaction of <i>Helenium amarum</i> to Gibberellic Acid	65	Electrode, The Activity Coefficient of Potassium Chloride in Aqueous Solution as Measured in a Cation-sensitive Glass—	26
Caron, Dewey M. (Author). Habitat and Distribution of Mecoptera in East Tennessee	72	Electrode, Correlation of Sea Salt Concentration with the EMF Response of a Cation-sensitive Glass—	123
Catfish, Age and Rate of Growth of the Channel, in Reelfoot Lake for 1960 and 1966	12	Elrod, L. H. (Abstract) with N. G. Anderson	54
		Embryonic, A Comparative Study of the, Stages at Diapause of Some Species of Grasshoppers in East Tennessee	57

	Page		Page
Eubanks, Sylvia L. (Abstract) with John M. Mallette	55	Horton, George (Abstract) with William White	56
Farrar, W. C. (Abstract)	49	Horton, George (Abstract) with Elmer W. Counce, and Walter R. Miller	56
Foster, Joseph C., Jr. (Abstract)	115	Hydrouterus, Fluid Collected from an Experimentally Produced, and Some Problems of Reproduction	84
Fraser, R. C. (Abstract)	55	Iron and Manganese in Ground Water from Sandstone in Cumberland County, Tennessee	104
Frazier, Horace M. (Author) with Wesley Wilborn. Fluid Collected from an Experimentally Produced Hydrouterus and Some Problems of Reproduction	84	Johnson, Carroll K. (Abstract)	50
Freeman, John D. (Abstract) with R. B. Channell	47	Jones, M. M. (Abstract) with W. L. Lockhart	49
Freitag, Arthur H. (Author) with Herta T. Freitag. Some Mathematics About Driving a Car	112	Joyce, C. J. (Abstract)	116
Freitag, Herta T. (Author) with Arthur H. Freitag. Some Mathematics About Driving a Car	112	Karr, Eugene G. (Abstract)	48
Fungi, Certain Cultural and Physiological Variations Among Some Resupinate Polypores	96	Keefe, Karen (Abstract)	116
Gambrell, Henry (Abstract) with Karen Whittle	78	Kelley, Lyman (Abstract)	116
Germination and Dormancy in Cedar Glade Plants I. <i>Aristida longespica</i> and <i>Sporobolus vaginiflorus</i>	132	Kerce, R. H. (Abstract)	51
Gibberellic Acid, Reaction of <i>Helenium amarum</i> to	65	Kinlock, John (Abstract)	52
Gilmer, Giles (Abstract) with Roy Nichols	78	Kopp, Otto C. (Abstract)	53
Gnilka, Arnold (Author) with R. W. Dimmick, and Warren V. Brigham. A Record of the Mole Salamander, <i>Ambystoma talpoideum</i> from Middle Tennessee	28	Kraus, K. A. (Abstract) with A. E. Marcinkowsky, F. Nelson and H. O. Phillips	49
Golden Shiner, A New Monogenetic Trematode from the	113	Kubota, H. (Abstract) with J. R. Lund	50
Gough, Sister Mary Fides (Abstract)	51	Kyker, Granvil C. (Abstract)	46
Grasshoppers, A Comparative Study of the Embryonic Stages at Diapause of Some Species of, in East Tennessee	57	Lawson, Laura (Abstract) with Jane Miller	52
Growth, Age and Rate of, of the Channel Catfish in Reelfoot Lake for 1960 and 1966	12	Leaf Miner Damaging Yellow-Poplar, Observations of <i>Odontopus calceatus</i> (Coleoptera: Curculionidae)	92
Ground Water, Iron and Manganese in, from Sandstone Aquifers in Cumberland County, Tennessee	104	Lewis, Horace Morgan, Jr. (Abstract)	77
Gwinn, H. R. (Abstract) with S. E. W. McDaniel, J. O. Younghanse, and L. O. Love	54	Lietzke, M. H. (Author) with Richard Shea, and P. W. Stoughton. Correlation of Sea Salt Concentration with the EMF Response of a Cation-sensitive Glass Electrode	123
<i>Gyrodactylus rachelae</i> , A New Monogenetic Trematode from the Golden Shiner	113	Lietzke, M. H. (Author) with R. W. Stoughton. The Activity Coefficient of Potassium Chloride in Aqueous Solution as Measured in a Cation-sensitive Glass Electrode	26
Harris, Earl W. (Author) Distribution of the Herpetofauna of Davies Island, Center Hill Reservoir	86	Litchford, K. C. (Abstract) with R. S. Litchford	55
Harris, W. F. (Abstract) with H. R. De Selm	47	Lockhart, W. L. (Abstract) with M. M. Jones	49
Hays, D. B. (Abstract)	116	Love, L. O. (Abstract) with S. E. W. McDaniel, H. R. Gwinn, and J. O. Younghanse	54
<i>Helenium amarum</i> , Reaction of, to Gibberellic Acid	65	Ludlow, C. Joseph (Abstract) with Frederick T. Wolf	47
Hemmerly, Thomas E. (Abstract)	48	Ludlow, C. Joseph (Abstract) with Jerry M. Baskin	48
Hemmerly, Thomas E. (Author). Snail Shell Cave Sinkhole: A Microhabitat	126	Lund, J. R. (Abstract) with H. Kubota	50
Herpetofauna, Distribution of, of Davies Island, Center Hill Reservoir	86	McConnell, Robert L. (Abstract)	53
Holsinger, John R. (Author). New Data on the Range of the Troglotic Trichoniscid Isopod, <i>Caucasonethes henroti</i>	15	McCormick, G. M. (Abstract)	54
		McDaniel, S. E. W. (Abstract) with J. O. Younghanse, H. R. Gwinn, and L. O. Love	54
		McMahon, Thomas E. (Author) with Charles E. Price. A New Monogenetic Trematode from the Golden Shiner	113
		Mabee, Harold Francis (Abstract)	115
		Mallette, John M. (Abstract) with Sylvia L. Eubanks	55
		Manganese, Iron and, in Ground Water from Sandstone Aquifers in Cumberland County, Tennessee	104

	Page		Page
Marcinkowsky, A. E. (Abstract) with F. Nelson, H. O. Phillips, and K. A. Kraus	49	Reelfoot Lake Biological Station, Report of the Director of the	1
Markham, Donnie (Abstract)	115	Reelfoot Lake, The Curly-leaved Pondweed Prob- lem at	10
Mathematics, Some, About Driving a Car	112	Reproduction, Fluid Collection from an Experi- mentally produced Hydrouterus and Some Problems of	84
Matthews, Herman (Abstract) with J. Thomas Moore	115	Reptiles, Distribution of The Herpetofauna of Davies Island, Center Hill Reservoir	86
Mazerres, Reginald (Abstract)	50	Reuning, John F. (Abstract) with Edward W. Burke, Jr., and William W. Rolland	54
Mecoptera, Habitat and Distribution in East Ten- nessee	72	Roberts, Jan R. (Abstract)	77
Miller, G. H. (Abstract)	52	Roe, David P. (Abstract) with Robert Wallus, and Haskell C. Phillips	77
Miller, Walter R. (Abstract) with Elmer W. Counce, and George Horton	56	Rolland, William W. (Abstract) with Edward W. Burke, Jr., and John F. Reuning	54
Moore, J. Thomas (Abstract) with Herman Mat- thews	115	Rosenquist, Judith W. (Author) with C. L. Baker. The Urogenital System of the Male <i>Necturus</i> <i>maculosus</i>	1
Morrison, Robert H. (Abstract) with Virginia E. Chism	78	Russell, William G. (Author). A Comparative Study of the Embryonic Stages at Diapause of Some Species of Grasshoppers in East Tennessee	57
<i>Necturus maculosus</i> , The Urogenital System of the Male	1	Russell, W. G. (Author) with W. W. Stanley. Ob- servations of <i>Odontopus Calceatus</i> (Coleop- tera: Curculionidae), A Leaf Miner Damag- ing Yellow-Poplar	92
Nelson, F. (Abstract) with A. E. Marcinkowsky, H. O. Phillips, and K. A. Kraus	49	Salamanders, Artificially Metamorphosed Neotenic Cave	16
Nhu, Dao Cong (Author) with Donald Caplenor. Reaction of <i>Helenium amarum</i> to Gibberellic Acid	65	Salamander, A Record of the Mole, <i>Ambystoma</i> <i>talpoideum</i> from Middle Tennessee	28
Nichols, Roy (Abstract) with Giles, Gilmer	78	Schaad, L. (Abstract) with L. A. Burnelle	50
Nichols, Harry B. (Abstract)	115	Schlueter, E. A. (Author) with C. E. Price. Two New Menogenetic Termatodes from South America	23
<i>Odontopus calceatus</i> , Observations of, (Coleoptera: Curculionidae), A Leaf Miner Damaging Yel- low-Poplar	92	Schoffman, Robert J. C.S.V. (Author). Age and Rate of Growth of the Channel Catfish in Reelfoot Lake for 1960 and 1966	12
Overstreet, James W. III (Abstract)	77	Scott, A. Floyd (Abstract) with David H. Snyder	56
Pennebaker, G. B. Treasurer's Report	42	Sea Salt, Correlation of, Concentration with the EMF Response of a Cation-sensitive Glass Electrode	123
Perry, James D. (Abstract)	56	Sharp, A. J. (Abstract)	46
Phillips, Haskell C. (Abstract) with Robert Wallus, and David P. Roe	77	Sharp, A. J. (Abstract) with T. Yoshimura	46
Phillips, H. O. (Abstract) with A. E. Marcinkow- sky, F. Nelson, and K. A. Kraus	49	Shea, Richard (Author) with M. H. Lietzke, and R. W. Stoughton. Correlation of Sea-Salt Concentration with the EMF Response of a Cation-sensitive Glass Electrode	123
Pitts, David (Abstract)	56	Sine, Jane (Abstract) with C. N. Boehms	55
Pless, Charles D. (Author) with W. W. Stanley. Life History and Habits of the Dogwood Borer, <i>Thamnosphecia scitula</i> (Lepidoptera: Aegeriidae) in Tennessee	117	Sinkhole, Snail Shell Cave, A Microhabitat	126
Polypores, Certain Cultural and Physiological Var- iations Among Some Resupinate	96	Smith, Edward D. (Abstract)	79
Pondweed, The Curly-leaved Problem at Reelfoot Lake	10	Smith, Omar E. (Abstract) with Alex L. Smoot	116
Price, Charles E. (Author) with Thomas E. Mc- Mahon. A New Monogenetic Trematode from the Golden Shiner	113	Smoot, Alex L. (Abstract) with Omar E. Smith	116
Price, C. E. (Author) with E. A. Schlueter. Two New Monogenetic Trematodes from South America	23	Snyder, David H. (Abstract) with A. Floyd Scott	56
Proceedings, of the Academy for 1966	38	Southern Red Oak, The Morphological Varieties of	29
Puryear, Sam M. (Abstract)	52		
Raridon, Richard J. (Abstract)	46		
Reelfoot Lake, Age and Rate of Growth of the Channel Catfish in, for 1960 and 1966	12		

	Page		Page
<i>Sporobolus vaginiflorus</i> , Germination and Dormancy in Cedar Glade Plants—I. <i>Aristida longispica</i> , and .....	132	Vegetable Production in Dyer County, Tennessee	
Stanley, W. W. (Author) with Charles D. Pless. Life History and Habits of the Dogwood Borer, <i>Thamnosphesia Scitula</i> (Lepidoptera: Aegeriidae) in Tennessee .....	117	<i>Veluticeps</i> , West Indian Species of <i>Aquascypha</i> and, .....	80
Stanley, W. W. (Author) with W. G. Russell. Observations of <i>Odontopus Calceatus</i> (Coleoptera: Curculionidae), A Leaf Miner Damaging Yellow-Poplar .....	92	Wallus, Robert (Abstract) with David P. Roe, and Haskell C. Phillips .....	77
Stereospecificity of Benzyl-Chlorobenzyl Sulfoxide		Ware, Stewart (Author). The Morphological Varieties of Southern Red Oak .....	29
Stoughton, R. W. (Author) with M. H. Lietzke. The Activity Coefficient of Potassium Chloride in Aqueous Solution as Measured in a Cation-sensitive Glass Electrode .....	26	Watlington, Charles (Abstract) .....	115
Stoughton, R. W. (Author) with M. H. Lietzke, and Richard Shea. Correlation of Sea Salt Concentration with the EMF Response of a Cation-sensitive Glass Electrode .....	123	Webb, Joseph F. (Abstract) .....	56
Stubblefield, Samuel M. (Abstract) .....	47	Welden, A. L. (Author). West Indian Species of <i>Aquascypha</i> and <i>Veluticeps</i> with Notes on Extralimital Species .....	80
Tabor, Richard L. (Abstract) .....	48	White, J. C. (Abstract) .....	49
Taylor, Fred G., Jr. (Abstract) with John P. Witherspoon .....	47	White, R. M. (Author) with D. L. Tuleen. Benzyl-Chlorobenzyl Sulfoxide .....	111
<i>Thamnosphesia scitula</i> , Life History and Habits of the Dogwood Borer (Lepidoptera: Aegeriidae) in Tennessee .....	117	White, William (Abstract) with George Horton ..	56
Thomas, T. L. (Abstract) .....	49	Whittle, Karen (Abstract) with Henry Gambrell ..	78
Townes, S. B. (Abstract) .....	50	Wilborn, Wesley (Author) with Horace M. Frazier. Fluid Collected from an Experimentally Produced Hydrouterus and Some Problems of Reproduction .....	84
Trauger, Thomas C. (Abstract) .....	46	Williams, Lyman O. (Abstract) .....	53
Treasurer's Report, G. B. Pennebaker .....	42	Wilson, John M. (Author). Iron and Manganese in Ground Water from Sandstone Aquifers in Cumberland County, Tennessee .....	104
Treasurer's Report, Robert L. Wilson .....	44	Wilson, Robert L., Treasurer's Report .....	44
Trematode from the Golden Shiner, A New Monogenetic .....	113	Witherspoon, John P. (Abstract) with G. Fred Taylor, Jr. .....	47
Trematodes, Two New Monogenetic, from South America .....	23	Wolf, Frederick T. (Abstract) with Joseph Ludlow ..	47
Isopod, New Data on the Ranger of the Troglolitic Trichoniscid, <i>Caucasonethes henroti</i> ..	15	Wood, Sara (Abstract) .....	54
Tuleen, D. L. (Author) with R. M. White. Benzyl-Chlorobenzyl Sulfoxide .....	111	Yarbrough, Howard L. (Abstract) .....	48
Urogenital System, The, of the Male <i>Necturus maculosus</i> .....	1	Yeatman, Harry C. (Author). Artificially Metamorphosed Neotenic Cave Salamanders .....	16
		Yellow-Poplar, Observations of <i>Odontopus calceatus</i> (Coleoptera: Curculionidae), A Leaf Miner Damaging .....	92
		Yorks, Lyle (Abstract) .....	78
		Yorks, Lyle (Abstract) .....	115
		Yoshimura, T. (Abstract) with A. J. Sharp .....	46
		Younghanse, J. O. (Abstract) with S. E. W. McDaniel, H. R. Gwinn, and L. O. Love .....	54