## INDEX TO VOLUME 11

## **AUTHORS:**

| Beckmann, Kenneth C.   |          |
|--|----------|
| Horizons Beyond Sol (Abstract)   | 43       |
| Binzel, Richard P. and Patrick Hartigan<br>A Photoelectric Light Curve of AH Cephei              | 21       |
| Bissonnette, Lynne<br>A Long-Term Study of the Period of V336 Aquilae                            | 65       |
| Brettman, Orville H. and William DuVall Observations in Support of the Non-Variability of        | 7.0      |
| Borrelly's Star<br>Cunningham, Clifford and Murray Kaitting                                      | 72       |
| A Computer Program to Reduce Photometric Data<br>Davie, Wendy Banta                              | 10       |
| AW Sagittarii - A Neglected Variable<br>Davis, Michael S.  | 35       |
| The Decreasing Periods of R Aquilae and R Hydrae<br>DuVall, William and Orville H. Brettman      | 27       |
| Observations in Support of the Non-Variability of Borelly's Star                                 | 72       |
| Hartigan, Patrick and Richard P. Binzel  | 21       |
| A Photoelectric Light Curve of AH Cephei<br>Hoffleit, Dorrit                                     | 21       |
| Common and Elite Variables, Then and Now Does S1910 Vary?  | 41<br>25 |
| Kaitting, Murray and Clifford Cunningham   |          |
| A Computer Program to Reduce Photometric Data Kolman, Roger S.                                   | 10       |
| The Need for Observations of SS 433 (V1343 Aq1) (Abstract)                                       | 43       |
| Krisciunas, Kevin L. Photometry of Betelgeuse From October 1981 to March 1982                    | 37       |
| Mallama, Anthony D. The Thirty-Two Year Cycle in Algol   | 3        |
| Mayer, Ernst H.  |          |
| RR Tauri - Alive and Changing!   | 74       |
| Percy, John R. An International Professional-Amateur Photometric                                 |          |
| Campaign on Be Stars (Abstract)  | 40       |
| Reeves, Arlo   |          |
| Revision and Refinement of the Elements of EE Comae<br>Berenices<br>Skillman, David R.           | 79       |
| Photoelectric Times of Minimum Light Collected by a  |          |
| Computer-Controlled Telescope<br>Slovak, Mark H.   | 57       |
| Periodogram Studies of the Light Curves of CI Cygni and AG Pegasi                                | 67       |
| Wheatley, Jonathan   | ٠.       |
| Spurious Periods and the Case of EL Comae Berenices<br>Willson, Lee Anne                         | 17       |
| Some Thoughts on the Analysis and Interpretation of<br>Light Curves II: Periodicities (Abstract) | 42       |
| TITLES:  |          |
| AAVSO Variable Star Atlas, Second Printing of  | 115      |
| Abstracts of Papers Presented at the Annual Meeting of the AAVSO Held October 29 - 30, 1982      | 112      |
|  | 81       |
| Algol, The Thirty-Two Year Cycle in  | 1        |

| R Aquilae and R Hydrae, The Decreasing Periods of                                     |     |
|---|-----|
| Michael S. Davis<br>V336 Aquilae, A Long-term Study of the Period of                  | 27  |
| Lynne Bissonnette   | 65  |
| (V1343 Aql) SS 433, The Need for Observations of (Abstract)                           | 42  |
| Roger S. Kolman<br>Be Stars, An International Professional-Amateur Photometric        | 43  |
| Campaign on (Abstract)  |     |
| John R. Percy   | 40  |
| Betelgeuse, Photometry of From October 1981 to March 1982  Kevin L. Krisciunas        | 37  |
| Borrelly's Star, Observations in Support of the Non-Variability of                    |     |
| Orville H. Brettman and William DuVall  AH Cephei, A Photoelectric Light Curve of     | 72  |
| Patrick Hartigan and Richard P. Binzel  | 21  |
| EE Comae Berenices, Revision and Refinement of the Elements of                        |     |
| Arlo Reeves EL Comae Berenices, Spurious Periods and the Case of                      | 79  |
| Jonathan Wheatley   | 17  |
| Computer-Controlled Telescope, Photoelectric Times of Minimum                         |     |
| Light Collected by a David R. Skillman  | 57  |
| Computer Program to Reduce Photometric Data, A  | 31  |
| Clifford Cunningham and Murray Kaitting   | 10  |
| CI Cygni and AG Pegasi, Periodogram Studies of the Light Curves of Mark H. Slovak     | 67  |
| Horizons Beyond Sol (Abstract)  | 0,  |
| Kenneth C. Beckmann   | 43  |
| R Hydrae and R Aquilae, The Decreasing Periods of Michael S. Davis                    | 27  |
| AG Pegasi, Periodogram Studies of the Light Curves of CI Cygni and                    | 2,  |
| Mark H. Slovak  | 67  |
| Photoelectric Times of Minimum Light Collected by a Computer-<br>Controlled Telescope |     |
| David R. Skillman   | 57  |
| Photometric Data, A Computer Program to Reduce  |     |
| Clifford Cunningham and Murray Kaitting S1910, Does [It] Vary?                        | 10  |
| Dorrit Hoffleit   | 25  |
| SS 433 (Vl343 Aql), The Need for Observations of (Abstract)                           |     |
| Roger S. Kolman<br>AW Sagittarii - A Neglected Variable                               | 43  |
| Wendy Banta Davie   | 35  |
| Spurious Periods and the Case of EL Comae Berenices                                   |     |
| Jonathan Wheatley RR Tauri - Alive and Changing!                                      | 17  |
| Ernst H. Mayer  | 74  |
| Light Curves, Some Thoughts on the Analysis and Interpretation                        |     |
| of, II: Periodicities (Abstract) Lee Anne Willson                                     | 42  |
| Variables, Common and Elite, Then and Now   | 72  |
| Dorrit Hoffleit   | 41  |
| Book Review Observing Visual Double Stars - Glenn F. Chaple, Jr.                      | 46  |
| Photoelectric Photometry of Variable Stars - Howard J.                                | 40  |
| Landis  | 47  |
| A Complete Manual of Amateur Astronomy - James E. Morgan<br>Letter to the Editor      | 85  |
| Use of Charts - Mark A. Heifner   | 87  |
| When Is a Variable Beally a Variable Star? - Faren I Moogh                            | A A |

## **Business Items**

| Minutes of the General Meeting of the AAVSO, April 30 - May 2, Minutes of the General Meeting of the AAVSO, October 29 - 30, | 1982 88 |
|--|---------|
| List of Papers Presented   | 50, 90  |
| List of Papers Presented at AAVSO Photelectric Photometry  |         |
| Workshop   | 91      |
| List of New Members  | 51, 91  |
| List of New Members Sponsored from an Iron-Curtain Country   | v . 51  |
| List of Members Changing from Annual to Sustaining   | 51, 91  |
| List of Reinstated Members   | 91      |
| List of Members Deceased 1981 - 1982   | 51, 91  |
| Committee Reports  | 52, 110 |
| Annual Report of the Director  | 92      |
| Table of Observers' Totals   | 102     |
| List of Special Requests for the Fiscal Year 1981 - 1982   | 106     |
| Treasurer's Report - October 1, 1981 - March 31, 1982  | 55      |
| Trocurer's Report October 1, 1901 - March 31, 1902   |         |
| Treasurer's Report - October 1, 1981 - September 30, 1982  | 116     |
| Index to Volume 11   | 118     |
| Errata   | 120     |

## **ERRATA**

Volume 8, Number 2, page 41: For Cepheid I read Cepheid II For Cepheid II read Cepheid I

Volume 9, Number 2, page 61: Heliocentric elements should read:

 $JD_{max}$ (hel.) = 2437370.624 + 0.558609 n

Volume 10, Number 2, page 72: "Values from magnitude 7.2 to magnitude 15.6 appear in the literature." should read:

"Values from 7.2 to 15.6 hours appear in the literature."