

ATLANTA ASTRONOMY CLUB NEWSLETTER

MEETING: 8:00 pm, Bradley Observatory, Agnes Scott College, Friday, October 21, 1983.

PROGRAM: "Chinese Astronomy" presented by Julius Staal. Please plan to come and hear what promises to be another of Julius Staal's very interesting programs.

OBSERVING SESSION: The next New Moon is on Friday, November 4. If the weather obliges us, the observing sessions at our Villa Rica site should be as good as Atlanta observing can be. Plan to take an evening over the November 4 weekend to join us at Villa Rica.

TREASURY NOTES: We welcome the following new members to the AAC: James David Bush, 500 Northside Circle, Apt. S1, Atlanta, GA 30309 (352-3282); Dan Frank, Ga. Institute of Technology, Campus Box 30647, Atlanta, GA (No Phone); Dan Washburn, 4342 E. Ponce de Leon Ave., Apt. C, Clarkston, GA 30021 (294-5514).

#####IMPORTANT#####

If the address label on your newsletter has a "red glow" #
label on it you should arrange with Herb Teeple to renew #
your membership this month. Members not renewing will be #
removed from the mailing list. #

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Please note that AAC membership coincides with your S&T subscription period. Send your S&T expiration notice along with your check in the amount of \$25.00 as soon as you receive the S&T notice. This way there should be little chance of your missing a copy of S&T.

We are not doing an update this month of the observing equipment used by AAC members for two reasons: (1) we did not receive any completed questionnaires (except from new members) and (2) we are alternatively electing to provide you with news about the availability of Sky Publishing Corp. publications at reduced prices.

FINALLY, AAC is in conjunction with S&T!!

We received the information we needed. Attached are 5 pages (count'em) of titles available to you at reduced prices. The price you pay is that listed under "AGENT".

Here is how the system works. You decide which publications you want, enter that information along with your name and address on the form provided and send it with your check in the required amount payable to the Atlanta Astronomy Club to H. O. Teeple, AAC Treasurer, 5015 Spaulding Drive NE, Atlanta, GA 30360.

We will accumulate all orders and send them to Sky Publishing with a covering check on the Monday after the AAC Meeting on Friday. AAC will process such orders only once a month.

TREASURY NOTES (cont): Sky Publishing will fill the orders and send the publications directly to the person who ordered them. Sky Publishing will invoice the recipient for the postage costs.

This is a good opportunity for AAC members to obtain books, etc. at substantially reduced prices. However, if you wish to order directly on your own, the price you pay is the "RETAIL" price.

A final note, those who pay their dues will find their AAC membership card attached to the following month's Newsletter. If you do not receive it, please let us know.


FOR SALE: 10" f7 Cave Optical tube assembly (rotation rings), 10 X 40 Unitron finder, Piggyback camera mount, Telescopic focuser, Starliner heavy duty equatorial mount with 2" shafts, Mathis worm drive on RA and gear driven DEC: \$1250. Contact Steve Palmer; home: 928-2184, office: 425-6004.

FORN BANK PREVIEW: Fernbank Planetarium is continuing to offer a free preview of each month's show to AAC members and their families. Preview night this month is on November 28 at 7:30 P.M. The title of the show is "The Star of Bethlehem".

AAC OBSERVATORY NEWS: Don Hall reports that the 8" Maksutov has been temporarily removed for some much needed repairs and restoration. The 10" Cave is to be permanently mounted on a pier in the observatory soon. It will be a welcome and useful addition to our observatory.

The 20" telescope project has seen a great deal of progress this past summer. The fork and polar shaft are nearing completion. The drive components are nearing completion or have been purchased. The balance of the mount and tube assembly components are in various stages of fabrication. Plans for the pier are complete and it should be poured in the near future.

*****ADVANCE NOTICE*****

 **February 1984 Program--Astrophoto & Slide Show:** The annual slide show program is being changed this year to include ALL types of astrophotographic results. In addition to the slide show, we want to encourage everyone who has prints, negatives, polaroids, etc. to show their work. There is no requirement that pictures be taken through a telescope, only that the material shown depict an astronomical subject. We want to encourage the largest possible participation in the program. So, whether you are just beginning or are a seasoned astrophotographer, buy some film and take some pictures. Please contact Don Hall if you have any questions or comments about this upcoming program.

1984 SERAL Convention: The 1984 SERAL Convention will be held in Pensacola, FL on August 9-12. The host will be the Escambia Amateur Astronomer's Association, Pensacola, FL.

John Parker

<i>Name of Publication</i>	<i>No.</i>	<i>Retail</i>	<i>Agent</i>
A Complete Manual of Amateur Astronomy (P. Clay Sherrod) ..	21157	24.95	19.95
A Field Guide to the Atmosphere (Schaefer & Day)	40808	13.95	11.16
A Field Guide to the Stars and Planets (Donald H. Menzel)	79985	10.95	8.76
AAVSO Variable Star Atlas	4628X	49.95	39.96
Aitoff's Equal Area Projection of the Sphere	S0600	%	NA
Algorithms for RPN Calculators (John A. Ball)	30708	25.00	22.50
All About Telescopes (Sam Brown)	46204	21.95	17.56
Amateur Astronomer's Handbook, 4th edition (J. B. Sidgwick) ..	00498	24.95	19.96
Amateur Telescope Making — All 3 (Albert G. Ingalls)	C0006	31.50	25.20
Amateur Telescope Making — I (Albert G. Ingalls)	01935	10.00	8.00
Amateur Telescope Making — II (Albert G. Ingalls)	01937	12.50	10.00
Amateur Telescope Making — III (Albert G. Ingalls)	01953	12.50	10.00
Are We Alone? (Rood and Trefil)	New 6826X	14.95	11.96
Arizona-Tonantzintla Catalogue	46174	1.95	1.37
Asteroids (Tom Gehrels, ed.)	06957	35.00	28.00
Astronomical Calendar 1983 (Guy Ottewell)	46088	10.00	8.00
Astronomy (Dinah L. Moché)	17647	7.95	6.36
Astronomy — A Handbook (Günter D. Roth, ed.)	11211	24.95	17.46
Astronomy of the Ancients (K. Brecher & M. Feirtag)	21374	12.50	10.00
Astronomy Through the Telescope (Richard Learner)	58399	34.95	27.96
Astronomy with Binoculars (J. Muirden)	17235	12.95	9.07
Atlas Australis (Antonin Becvar)	46107	49.95	39.96
Atlas Borealis (Antonin Becvar)	46018	49.95	39.96
Atlas Eclipticalis (Antonin Becvar)	46093	49.95	39.96
Atlas of Deep Sky Splendors — 4th edition	In Press 46271	39.95	27.97
Atlas of the Selected Areas (Hans Vehrenberg)	49000	#33.00	#28.00
Atlas Stellarum 1950.0 — North (Hans Vehrenberg)	49051	#145.00	#123.25
Atlas Stellarum 1950.0 — South (Hans Vehrenberg)	4906X	#80.00	#68.00
Atoms, Stars, and Nebulae (Lawrence H. Aller)	HBA 52641	9.95	7.96
Beyond the Moon (Paolo Maffei)	31331	12.50	10.00
Binoculars and All Purpose Telescopes (Henry E. Paul)	35581	11.95	8.96
Black Holes, Quasars and the Universe (Harry L. Shipman)	99160	14.95	11.96
Bound for the Stars (S. J. & B. Adelman)	New 03901	17.95	14.36
Celestial Handbook — Vol. I (Robert Burnham, Jr.)	3567X	8.95	6.71
Celestial Handbook — Vol. II (Robert Burnham, Jr.)	35688	8.95	6.71
Celestial Handbook — Vol. III (Robert Burnham, Jr.)	36730	8.95	6.71
Celestial Handbook — Vols. I, II, III (Robert Burnham, Jr.)	C0003	26.85	20.14
Comets (L. L. Wilkening, ed.)	07694	29.95	23.96
Comets: Vagabonds of Space (David A. Seargent)	New 78697	15.95	12.76
Constellation Chart — Equatorial Region	SC001	%	NA
Constellation Chart — Polar Region	SC002	%	NA
Construction of a Maksutov Telescope (Warren I. Fillmore)	46190	3.95	2.77
Cosmic Discovery (Martin Harwit)	14283	25.00	22.50
Cosmic Distance Scale	LE010	%	NA
Cosmic Landscape (Michael Rowan-Robinson)	7553X	12.95	10.36
Cosmology (Edward R. Harrison)	29812	24.95	19.96
Cosmos (Carl Sagan)	02949	22.95	18.36
Earthlike Planets (Murray, Malin, & Greeley)	11486	24.95	22.45
Earth Moon and Planets (F. Whipple) (softcover)	HBA 24019	4.95	3.96
Earth Moon and Planets (F. Whipple)	HBA 24000	15.00	12.00
Echoes of the Ancient Skies (E. C. Krupp)	New 51013	19.95	15.96
Ecliptic Map (Test)	S0508	%	NA
Ecliptic Map	S0509	%	NA
Experiments in Astronomy for Amateurs (Richard Knox)	76869	4.95	3.96
Facts On File Dictionary of Astronomy (Valerie Illingworth)	63264	17.50	14.00
Fireballs, Meteors and Meteorites (Harold Povenmire)	34086	10.95	8.76
Flandrau Planetarium Mural (Donald R. Cowen)	46212	5.95	4.17

<i>Name of Publication</i>	<i>No.</i>	<i>Retail</i>	<i>Agent</i>
Francis Place and Greenwich Observatory (Derek Howse)	20315	15.00	11.25
From Atoms to Quarks (James S. Trefil)	7460X	6.95	5.56
Galactic Astronomy (Mihalas & Binney)	12806	29.95	23.96
Galaxies (H. Shapley — revised by P. Hodge) HBA	40515	14.00	11.20
Galaxies (Timothy Ferris)	34028	16.95	13.56
Galaxies and Quasars (William J. Kaufmann)	11346	8.50	6.80
Glossary of Astronomy and Astrophysics (Hopkins) New	51718	10.00	8.00
Graze Observer's Handbook (Harold Povenmire)	86001	8.50	6.80
Handbook of the Constellations (Vehrenberg & Blank)	49086	29.95	23.96
Herschel Copperplate Print	R0002	19.95	NA
Hubble's Law	LE009	%	NA
In Quest of Telescopes (Martin Cohen)	46255	13.95	9.77
Inner Planet Curtate Orbits — Mercury, Venus, Earth, Mars	S0511	%	NA
Jupiter (Tom Gehrels, ed.)	05306	38.50	30.80
Jupiter (Garry Hunt & Patrick Moore)	15423	14.95	11.96
Life in the Universe (John Billingham)	20621	12.50	10.00
Life Itself — Its Origin and Nature (Francis Crick)	55622	12.95	11.65
List of Stars on the Ecliptic Map	S0510	%	NA
Lunar Map	S0003	*0.95	*0.67
Lunar Quadrant Maps	46239	8.95	6.27
Making Your Own Telescope (Allyn J. Thompson)	46123	9.95	6.97
Man Discovers the Galaxies (R. Berendzen, <i>et al.</i>)	20234	8.95	6.71
Man's View of the Universe (Gerald E. Tauber)	26743	19.95	15.96
Mars (Percival Lowell)	19780	12.95	9.06
Mathematical Astronomy with a Pocket Calculator (A. Jones)	65523	24.95	22.46
Monsters in the Sky (Paolo Maffei)	31536	15.00	12.00
Murmurs of Earth (Carl Sagan, <i>et al.</i>)	10475	15.00	12.00
Nine-Inch Protractor	S0505	%	NA
Norton's Star Atlas and Reference Handbook	89005	24.95	NA
Observational Astronomy for Amateurs (J. B. Sidgwick) New	00684	5.95	4.76
Observing Visual Double Stars (Paul Couteau)	30772	19.95	15.96
Our Cosmic Universe (John Kraus)	84153	14.50	13.05
Our Sun (Donald H. Menzel) HBA	47505	16.50	13.20
Our Turbulent Sun (Kendrick Frazier)	45004	16.95	13.56
Outer Planet Chart — Mercury to Saturn	S0512	%	NA
Outer Space Photography for the Amateur (Henry E. Paul)	24075	10.95	8.76
Philips Planisphere — 32° North New	S0006	4.50	3.60
Philips Planisphere — 42° North New	S0007	4.50	3.60
Photographic Star Atlas — Northern — Edition A	49019	#48.00	#40.80
Photographic Star Atlas — Northern — Edition B	49035	#68.00	#57.80
Photographic Star Atlas — Southern — Edition A	49027	#30.00	#25.50
Photographic Star Atlas — Southern — Edition B	49043	#40.00	#34.00
Pictorial Astronomy — 5th Rev. Edn. (Alter <i>et al.</i>)	00952	19.95	15.96
Planetary Geology (John Guest, <i>et al.</i>)	68875	19.95	17.96
Planetary Satellites (J. A. Burns, ed.)	05527	19.95	15.96
Planets and Moons (William J. Kaufmann)	10404	7.50	6.00
Planets, Stars, and Nebulae (Tom Gehrels, ed.)	04288	27.50	22.00
Planets X and Pluto (William G. Hoyt)	06647	9.50	7.60
Polar Coordinate Paper	S0502	%	NA
Popular Star Atlas (R. M. G. Inglis)	88998	7.95	6.36
Practical Astronomy with Your Pocket Calculator New	4059X	29.50	23.60
Proper Motion	LE006	%	NA
Pulsars	LE007	%	NA
Rainbows, Halos, and Glories (Robert Greenler)	36053	24.95	19.96
Red Star in Orbit (James E. Oberg)	14297	12.95	10.36

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Revealing the Universe (Cornell & Lightman)	30802	17.50	14.00
Rotation of Saturn and Its Rings	LE003	%	NA
Russel W. Porter (Berton C. Willard)	71687	12.95	9.07
Satellites of Jupiter (David Morrison, ed.)	07627	49.50	39.60
Sights and Sounds of Jupiter and Saturn	New 08546	7.95	5.57
Sky & Telescope Binder (Large)	B0002	12.95	9.07
Sky & Telescope Magazine — Subscription Rates		&	&
Sky Atlas 2000.0 — Color Edition (Wil Tirion)	46336	34.95	27.96
Sky Atlas 2000.0 — Desk Edition (Wil Tirion)	4631X	15.95	11.17
Sky Atlas 2000.0 — Field Edition (Wil Tirion)	46328	15.95	11.17
Sky Atlas 2000.0 — Pair (Desk & Field — Any 2)	C0011	26.95	18.87
Sky Catalogue 2000.0 — Vol. 1 (paper)	46344	29.95	20.97
Sky Catalogue 2000.0 — Vol. 1 (cloth)	46352	49.95	34.97
Sky Catalogue 2000.0 — Vol. 2 (cloth)	In Press 46395	Not Set	Not Set
Sky Catalogue 2000.0 — Vol. 2 (paper)	In Press 46387	Not Set	Not Set
Sky Challenger — Games for Star Gazers	S0004	5.70	*4.28
Sky Watchers of Ancient Mexico (Anthony F. Aveni)	75571	30.00	27.00
Some Bright Visual Binary Stars (Jean Meeus)	46166	1.95	1.37
Space Science and Astronomy (T. & L. W. Page)	43103	13.95	11.16
Special Rectangular Coordinate Paper	S0501	%	NA
Spectral Classification	LE002	%	NA
Spotlight Series — Analemma in the Sky	P0023	17.50	*14.00
Spotlight Series — Annular Solar Eclipse	P0008	17.50	*14.00
Spotlight Series — Apollo 14 at Night	P0002	17.50	*14.00
Spotlight Series — Callisto (Voyager)	P0034	17.50	*14.00
Spotlight Series — Center of M42	P0024	17.50	*14.00
Spotlight Series — Color-enhanced Saturn	P0040	17.50	*14.00
Spotlight Series — Comet West (1975n)	P0001	17.50	*14.00
Spotlight Series — Crescent Saturn	P0038	17.50	*14.00
Spotlight Series — Dumbbell Nebula	P0009	17.50	*14.00
Spotlight Series — Enhanced Red Spot (Jupiter)	P0037	17.50	*14.00
Spotlight Series — Europa (Voyager)	P0032	17.50	*14.00
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Spotlight Series — Io-Europa-Jupiter	P0030	17.50	*14.00
Spotlight Series — Jupiter (Voyager 1)	P0029	17.50	*14.00
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Standard Handbook for Telescope Making (N. E. Howard)	67846	9.95	7.96
Star Chart Grid	S0002	3.95	2.77

<i>Name of Publication</i>	<i>No.</i>	<i>Retail</i>	<i>Agent</i>
Starlight Nights (Leslie C. Peltier)	46026	8.95	6.27
Stars (I. S. Shklovskii)	00247	19.00	15.20
Stars and Clusters (Cecelia Payne-Gaposchkin) HBA	34402	22.50	18.00
Stellar Astronomy (Michael Hoskin)	93040	19.95	13.97
Stonehenge and Its Mysteries (Michael Balfour)	6406X	14.95	11.96
Sundials — How To Know Use and Make Them (Mayalls)	46115	12.95	9.06
Telescopes for Skygazing (Henry E. Paul)	24083	9.95	7.96
Ten Faces of the Universe (Fred Hoyle)	0384X	16.25	13.00
Test Constellation Chart — Equatorial Region	SC01T	%	NA
Test Constellation Chart — Polar Region	SC02T	%	NA
Textbook on Spherical Astronomy (W. M. Smart)	91594	16.95	13.56
The Astronomical Companion (Guy Ottewell)	46010	12.00	9.60
The Big Bang (Joseph Silk)	10846	18.00	14.40
The Cambridge Encyclopaedia of Astronomy (Simon Mitton)	28061	40.00	32.00
The Cambridge Encyclopedia of Earth Sciences	43702	35.00	28.00
The Cambridge Photographic Atlas of the Planets	39761	24.95	17.47
The Cloudy Night Book (George S. Mumford)	4600X	6.95	4.87
The Comet Is Coming! (Nigel Calder)	32165	12.95	10.36
The Crab Nebula (Simon Mitton)	60773	14.95	11.96
The Crab Nebula	LE008	%	NA
The Earth's Orbital Velocity	LE005	%	NA
The Edge of Infinity (Paul Davies)	40632	13.50	10.80
The Edmund Sky Guide and Mag 5 Star Atlas	C0005	7.00	5.60
The Evolution of Radio Astronomy (J. S. Hey)	20277	15.00	12.00
The Finest Deep-Sky Objects (J. Mullaney & W. McCall)	4614X	2.95	2.07
The First Stargazers (James Cornell)	67999	15.95	12.76
The First Three Minutes (Steven Weinberg)	24351	10.95	8.76
The Guinness Book of Astronomy (Patrick Moore)	24761	17.95	14.36
The History of the Telescope (Henry C. King)	38938	8.95	7.16
The Illustrated Encyclopedia of Astronomy and Space (Ridpath) .	1838X	17.95	14.36
The Illustrated Encyclopedia of Space Technology (K. Gatland) ..	42587	24.95	19.96
The Inner Planets (Clark R. Chapman)	48986	9.95	7.96
The Messier Album (John H. Mallas & Evered Kreimer)	46042	13.95	9.77
The Messier Card	S0001	0.95	*0.67
The Milky Way — 5th edition (B. & P. Bok)	HBA 75032	20.00	16.00
The Moon (Patrick Moore)	15415	14.95	11.96
The Moon — Our Sister Planet (Peter H. Cadogan)	81520	24.95	19.96
The Moon's Orbit	LE001	%	NA
The New Solar System — 2nd edition (cloth)	46360	24.95	17.47
The New Solar System — 2nd edition (paper)	46379	13.95	9.77
The Night Sky — 20°-32° (David Chandler)	S2032	5.95	4.76
The Night Sky — 30°-40° (David Chandler)	S3040	5.95	4.76
The Night Sky — 38°-50° (David Chandler)	S3850	5.95	4.76
The Night Sky — Any Three Planispheres (David Chandler)	C0002	15.00	12.00
The Orbit of a Visual Binary	LE012	%	NA
The Physical Universe (Frank H. Shu)	New 02059	28.00	25.20
The Physics-Astronomy Frontier (Hoyle & Narlikar)	11605	21.95	19.75
The Revised New General Catalogue (Sulentic & Tifft)	04210	24.50	22.05
The Rocket (David Baker)	34045	12.98	10.38
The Rotation of Mercury	LE011	%	NA
The Rotation of the Sun	LE014	%	NA
The Search for the Nebulae (K. G. Jones)	New S1001	9.95	6.97

<i>Name of Publication</i>	<i>No.</i>	<i>Retail</i>	<i>Agent</i>
The Sky and Telescope Guide to the Heavens	46298	5.95	4.17
The Solar System (John A. Wood)	20077	10.95	9.86
The Telescope (L. Bell)	41513	5.50	4.12
The Telescope Handbook and Star Atlas (Howard) New	06861	21.10	16.88
The Universe (Isaac Asimov)	0655X	15.95	12.76
Time and Clocks for the Space Age (Jespersen & Fitz-Randolph) .	07101	10.95	8.76
Variable Stars in M15	LE004	%	NA
Visions of the Universe (Iwasaki & Asimov)	40010	19.95	15.96
Visual Observing of Double Stars (Charles E. Worley)	46153	1.95	1.37
Webb Society Deep-Sky Observer's Handbook — Vol. 1	00277	7.95	6.36
Webb Society Deep-Sky Observer's Handbook — Vol. 2	00285	9.95	7.96
Webb Society Deep-Sky Observer's Handbook — Vol. 3	0034X	13.95	11.16
Webb Society Deep-Sky Observer's Handbook — Vol. 4	00501	15.95	12.76
Webb Society Deep-Sky Observer's Handbook — Vol. 5	00668	16.95	13.56
Your Total Eclipse Packet	C0004	9.95	7.96

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