EDITORIAL

The most recent Sunday newspaper story, Tarzan and the Persian Lord, was really magnificent. The story-line was its usual fast paced self, and the large panels on the 7th and 14th of September showed off the artist's attention to detail and action. The Syndicate is to be highly praised for making it a full page strip again, and we are anticipating the forthcoming John Carter of Mars strip with much excitement.

Indeed, it has been a fabulous year for Burroughs fans, what with the Land That Time Forgot in Cinemascope, and those two fabulous Tarzan movies, Tarzan the Terrible and Tarzan at the Earth's Core. We understand that the latter was such a big success, that Harry Haryhausen has been contracted to design some other weird creatures for the next film, which will also take place in Pellucidar. The camera crew has just returned from the Australian desert where they filmed the outdoor scenes for The Warlord of Mars which Leigh Brackett recently scripted. Moon Maid is next....

......Yes, fellow ERB fans, I wish I could make such a report as that, but, alas, I cannot. And yet, these things are possible...if only ERB, Inc. and Bob Hodes would really think about it...work on it...try...

—Camille E. Cazedessus, Jr.

ERB-dom Table-Talk

by Caz

This is our first color cover from Jeff Jones, and one of the few Venus/Amor illustrations ever used in any ERB-dom. The two color Barsoom covers will be on the next issue, out in a few weeks.

This is also our first article by the well known ERB researcher, Frank Brueckel. While some portions of his article, AMOR REMAPPED, may be a bit complicated, given a little thought, it seems to make sense to me. But I'm no cartographer!

We're very pleased to present the "missing" illustrations for I AM A BARBARIAN, and point out they are reduced to the same size they would have been if they had been used in the book!

The Henry Hardy Heins' article is one that he wrote for us a few months before he had to resign from ERB-dom's staff.

BUILDING A BURROUGHS COLLECTION and getting together a BURROUGHS BOOK CHECKLIST has been an ambition of mine for several years. I can tell you that it was only after almost a dozen revisions and rewrites that I arrived at the article and the checklist, and a determination to continue the idea in other issues of ERB-dom.

Thanks are due Stuart Teitler for informing me of Scoggins, and to others for bits and pieces and photos for House of Info.
EDGAR RICE BURROUGHS gave us a chart of the southern hemisphere of Amtor — known to earth-men as Venus — which appears on the endpapers of each of the four completed books of the Venus series, and is referred to here as Fig. 1. In The Reader’s Guide to Barsoom and Amtor, Dave Van Arnum reminds us that we have only Carson Napier’s word that this map represents the southern hemisphere of the planet, and that for certain reasons Napier’s assertion may be open to argument; nevertheless we take the statement as true for lack of opposing evidence.

We are presented with an interesting little problem through the fact that Fig. 1 depicts Amtor as it is conceived by its inhabitants. Because the double layer of dense cloud which enshrouds their world forbids them any knowledge of the vast outer universe, they think of their world not as a sphere spinning in space, but as a huge circular plate, slightly concave so that it is somewhat thinner in the center than around the edge, floating on a sea of fire.

The Amtorians divide the surface of their disk-world into three major zones by means of two imaginary concentric circles drawn around its center. The inner or “Small” circle has a radius of about one-third that of the disk, and encloses the central circular zone known as Strabol, the “hot” or tropical region; thus it is apparently roughly equivalent to our Tropic of Capricorn. Between the Small Circle and the outer or Great Circle, whose radius is about twice that of the Small Circle, or roughly 2/3 that of the whole disk, lies an
annular area called Trabol or "warm region," corresponding approximately to our south temperate zone. The outer annular zone, from the Great Circle to the supposed "edge" or "rim" of Amtor, is called Karbol or "the colon." As a relative sense, since Amtor in general is much warmer than the earth because it is far nearer the sun. The Great Circle therefore is evidently analogous to our Antarctic Circle, and the "rim" of Amtor is presumably the south pole of Venus.

Van Arnam points out in the Guide that Napier seems rather confused about the real significance of the Small Circle: sometimes he thinks of it as the boundary between the tropical and the "south temperate" zones of the planet (i.e., considers it the southern tropic of Venus), and on other occasions speaks as if it were the planet's equator, separating the northern hemisphere from the southern (Lost On Venus, p. 138).

Napier's perplexity about what the Small Circle is really supposed to represent is quite pardonable. On our Earth the equator, the two tropics, the two polar circles, and the poles are defined and fixed by certain astronomical observations. On the cloud-veiled surface of Venus such observations are out of the question, so it is unlikely that the Small and the Great Circles have any particular astronomical meanings. Probably, then, they are either arbitrary divisions of the planet's surface, or other such vague terms, or purely for reasons of cartographic and navigational expediency -- by some undescribed process of mathematical extrapolation from localized geodetic (I suppose I should say "aphrodisiotic") surveys. It is indeed possible that the Small Circle of Amtor is the equator of Venus. Van Arnam objects that this would put Strabol, the "torrid zone," entirely in the northern hemisphere; instead of Stabolus, the "cornucopia" or the northern and southern halves of the planet; but let us bear in mind that the distribution of land and water on Venus may be such that the northern hemisphere is generally warmer than the southern, so the hottest belt of the planet would lie north of the equator.

All the same, admitting this possibility, I share Van Arnam's view that Neovar, the Small Circle, lies south of the actual equator of Venus and can be regarded as practically equivalent, climatologically, to our Tropic of Capricorn. Napier too usually seems to lean toward this interpretation despite his manifest uncertainty on the matter.

This hypothesis implies that the equator lies somewhere inside the central circular area called Strabol -- but it can be placed on the map as the central point of the Amtor map, and that the chart covers precisely the southern hemisphere of Venus, from equator (center) to pole (rim). But a number of considerations suggest that this may be a case of conclusion jumping.

In a somewhat hurried search of the literature, I find no place where Napier states as a definite fact that the Cytherean† equator is denoted by a point at the center of the map of Amtor, or that the boundary of the map is supposed to represent the actual south pole of the planet, though in several places (Carson Of Venus: 66, 283; Escape On Venus: 16, 107) he clearly assumes this to be true. On pp. 89 - 95 of Pirates Of Venus, Damus tells Napier that no one has ventured far into either Strabol or Karbol, so as far as he knows, no Amtorian has ever actually reached either the equator or the south pole. Hence if these places are presumed to be on the map of Amtor, it is only by virtue of mathematical extrapolation -- just as our own geographers made maps and globes with the North and the South Poles marked on them, long before these points were reached by explorers. But in view of their distorted conception of their world and their utter ignorance of astronomy, it is extremely doubtful that the Amtorians would accept any ideas corresponding to "equator" and "pole." Damus also has "Center" and "North Pole," but this center is not necessarily what we would call the "equator;" and Amtor has a "Boundary" or "rim," but this need not be identical with what we call the "south pole." The concepts of "equator" and "pole" are foreign to the Amtorian mind; they are notions which we earth-men (including Carson Napier) insist upon projecting into the picture simply because they are basic elements of our own astronomical and geographical thinking. Consequently we have no good reason whatever for presuming that Fig. 1 shows exactly the southern hemisphere of Venus. It is entirely possible that the blank central portion of Strabol includes part of the planet's northern hemisphere (in which case the equator would be the innermost circle around the center, as hypothesized by Damus, and the "edges" of Amtor would be the outermost circle). I will mention this again a bit later), or on the other hand it may be that the center of Strabol is not as far north as the equator of Venus -- in which case Napier's hyperbole that the equator is not even a dot on the map (Carson Of Venus, p. 66) cannot be called incorrect.

Furthermore, it may be that the Amtorians' imagined "edges" of their world is not as far south as the planet's south pole; in this event the pole would be depicted as a circle lying around and outside of the map boundary. But again, perhaps the "astromorphers" have pushed their survey-extrapolations too far, and placed the hypothetical limits of their disk-world in some non-existent region "beyond" the actual south pole.†† At this point I invite your attention to the details of the map near its circular border. We note first that coastlines in Karbol are drawn with dotted lines to indicate that they are uncertain; in other words, they represent conjectures, not definite knowledge, and may be extremely inaccurate at the map boundary. Second, we observe that the bounding circle of the map is not perfectly round, but made up of several pieces by land areas, and in some places by sea areas. If the conjectured coastlines are correct, then the boundary of the map cannot possibly be the south pole of Venus, because the true pole is actually a point, and therefore is located either on a land mass or in a sea -- but not both on land and on water. Contrarily, if we assume that the bounding circle is to be identified with the planet's south pole, then either some of the Amtorian oceans touch it, or else there is a thin band of water completely enclosing the map just inside the boundary, and the depicted coastlines are certainly erroneous.

Two distance scales are given on ERB's map (a fact which seems to be largely ignored, oddly enough), one in Amtorian units, one in miles. If we apply the latter scale to a meridian line from center to boundary, we find that the distance from Center to Rim comes out to just 10,000 miles. Now, Venus has a diameter of about 7,650 miles, so its circumference is a little over 22,000 miles, and the length of a quadrant, from equator to pole, is one-quarter of a circumference, or approximately 6,000 miles. Therefore, if we presume the scale to be correct and take the boundary of the map

† More than once, Napier comments that Amtorian navigation-charts leave much to be desired in the way of accuracy; evidently they are largely a matter of guesswork and calculations based on faulty premises.
to be the south pole; then the center of Amtor is some
150° northward of the pole, i.e., about 56° N. (I am
of course using earthly degrees.) The Great Circle
lies about 2800 miles or $2\pi$ north of the pole, near
58° S lat., and the Small Circle is another 3100 miles
or so northward, at only 15° S lat. If we suppose the
actual pole to be outside the Rim, the center of Amtor
lies even further north. In particular, if we identify
Neowax with the planet's equator, as Napier does in
LCT, p. 171, then the center of Strabol must be placed
at 61° N, the Great Circle at 68° S, and the Rim at
86° S.

Personally, I do not find such results very plausible. The overall impression which one gathers from

The Histories is that the Small and the Great Circles
are lines of demarcation between principal climatic
zones, extrapolated from local surveys; that Strabol
is essentially the equatorial zone of Venus, Karbol
the south polar zone, and Amtor the intermediate south
"temperate" zone. If so, then the scale of miles given
with the map is highly suspect. It could in fact be
valid only along radii of the chart if these were drawn
on an "equidistant" azimuthal projection. Certainly
ERB's Amtor map is on an azimuthal projection, but
there are many varieties of such, and we have no clear
indication for preferring one to another. Hence I feel
that there is ample justification for ignoring the scales of distance provided in Fig. 1.

Fig. 2
AM TOR
Unspecified azimuthal projection
South polar case.
Scale unknown.

II

The upshot of all this is simply that Fig. 1 can be
interpreted in almost any way that suits our individual
fancy. If Dave Van Arnam chooses to place the
equator of Venus at the dead center of Amtor, and the
south pole at the Rim, no one can justly say him nay.
By the same token Dale Broadhurst can with equal right
draw the equator of Venus as a circle of radius 1/ inch
around the center of the chart.

The fact that the south pole of Venus—a point—is
represented in Fig. 1 by a circle enclosing the map,
and that the equator—a circle—may be a dimension-
less point at the center, has apparently occasioned
some head-scratching among ERB fans over the question of
how to convert this map into a more familiar form.

As Van Arnam writes in the Guide: "... There is the
question of how one could possibly turn the endpaper
map into something that can be read in ordinary Earth
fashion." And again: "... I had long thought this
problem was insoluble short of analysis by a ten-story-
high computer." In Burroughs Reader and Worker,
Vol. III, combined Nos. 7–8–9, Dale Broadhurst says,
"... To redraw ERB's map to a projection that we
earthlings would understand seemed almost impossible."

I know from my own experience in many cases that the
mind has a tendency to complicate a given problem into
a muddle of confusion, perhaps because it attempts at

the very outset to grapple with all aspects of the
situation simultaneously, instead of sorting them out
and dealing with them one at a time. If we don't panic
at first sight of the problem, we often discover that
the apparent difficulties are more fancied than real,
and sometimes it even happens that after a little re-
flexion the "impossible" problem metamorphoses into
something almost idiotically simple. Let me quote Van
Arnam again:

"... it turns out to be rather simple, actually —
conceptually, at least, if not physically." (He goes on
to say that in a conversation with Don Wollheim,
the latter:) "... pointed out the similarities in
distortion to an ordinary Mercator projection — i.e.,
the polar regions are wildly oversized (... Greenland
looks bigger than Australia) and the equatorial regions
are squashed down way undersized. ... The equatorial
distortion is a little more extensive on the Map of
Amtor, but the polar regions instantly become recogniz-
able and conceivable.

"It only remains, then, for someone to drop a line
from the center of the Map to the rim, slice, stretch
the Map into rectangular shape, and — there's a Mer-
cator projection of the Southern Hemisphere of Amtor!"

Well, not quite, Dave. If the map were drawn on a
thin sheet of very strong and elastic rubber, so the suggested operation could be carried out in practice, then you would certainly end up with a cylindrical projection, but it wouldn't be a Mercator projection. What sort it would be is another matter. The particular azimuthal projection on which ERB's map is "really" drawn. If you take the circular boundary of ERB's chart to represent the south pole, then your final rectangular map will show the pole as a horizon- 

hence a line, and the Mercator projection the pole will be infinitely far away to the top and the bottom of the map. All cylindrical projections make east-west distances increasingly as we approach a pole, but the Mercator and some others also impose an increasing stretch on north-south distances, which the Van Arman projection does not. The Van Arman cylindrical projection is more likely to be an "orthographic" or "stereographic" one, or—since Burroughs probably intended distance-units on his chart to be uniform from Center to Rim—probably a "simple cylindrical" projection. Before undertaking to construct the Van Arman projection, let's glance at some other approaches.

Dale Broadhurst writes in ERB: "For areas of a hemisphere of Venus, the polyconic projection is the easiest to draw of the least distorted methods of projection. I decided to use it for the southern hemisphere, to avoid the distortion toward the northern hemisphere." He assumes that the equator can be shown as a circle of radius $\frac{1}{2}$-inch around the Center of ERB's map, and that the Rim is the south pole, and then proceeds to describe the steps by which he converted the Burroughs map into the one which appears on pp. 14 and 15 of the Reader, showing the southern hemisphere of Venus divided into an "eastern" and an "western" half. (I take it that the map as published was drawn by Bruce Wood, but from the accompanying discussion I gather that Broadhurst constructed the original.) Actually it is not a "polyconic" or even a "simple conic" projection, for these terms refer to certain mathematical techniques of transferring a spherical surface to a plane, but Broadhurst's method has nothing to do with these techniques, and his map should simply be called "Broadhurst's projection." Let me emphasize that this does not imply that Dale's map is incorrect. It is just one of the infinite variety of ways in which the surface of Amor may legitimately be represented on a sheet of paper. Unfortunately, Dale's description of the process by which his map was made, and what he said about it in his book, was not comprehensive enough. To fill this whole business—"the exact coordinate system he imposed on ERB's map, the system adopted for his final map, and the transformation relationship between the two systems."

Perhaps because I never found the Venus books quite as engaging as the Mars, Tarsus, and Pellucidar series, I had never paid much attention to the Amor map until I read Van Arman's introduction to the Amor section of the Guide, and discovered that the map seemed to pose a real problem. That aroused my interest, so I hauled out the map for examination.

The first thing to strike me was the fact that ERB's map is already essentially in a form which has become increasingly familiar with the development of intercontinental air travel; the central part of the map shows the "equidistant azimuthal" (north polar case), and you can find it in almost any world atlas published in recent years. In this construction the center of the map is the north pole, the world's meridians are straight radial lines, and parallels of latitude are equipped spaced concentric circles around the north pole. The map's circular boundary is the circular boundary of the map, and the equator is a circle passing midway between the center (north pole) and the edge (south pole). Antarctica is a ragged rim of land stretching clear around the chart.

Suppose we had such a map of the planet Venus—the entire sphere. Now let's lift out the central part of the chart, say the portion within $30^\circ$ or so of the north pole, so as to leave an empty circular space in the middle. Then we shrink the remaining annular map radially inward, uniformly everywhere, until the empty circular space has become a point. What we end up with is an image of the sphere mapped on an imaginary process can be applied to any other azimuthal projection centered on the north pole.

Since most of the mapped portion of Amor lies in the southern hemisphere of Venus, we would of course prefer an azimuthal projection centered on the south pole, for in Burroughs' map the east-west distances become more exaggerated as we move outward from the Center toward the Rim. By centering the chart on the south pole we will compress transverse (circumferential) distances near the pole and expand them near the equator, which is closer to the true state of affairs.

The transformation is simplicity itself, but before we start let's fix a few ideas. First, imagine your self standing on some point (any point) of ERB's chart between the center and the rim, facing toward the center, i.e., "north." Then "south" is behind you, toward the rim, and "east" is to your right, that is, "east" is the counterclockwise direction around the center; "west" means clockwise around the map. We mark an arbitrary "Prime Meridian" on the chart, i.e. a straight line through the boundary (it makes no difference where we place it), and measure angles (longitudes) around the center from this line. Angles measured eastward (counterclockwise) will be considered positive; those measured westward (clockwise) will be regarded negative. Now we make one hypothesis, namely, that distance-units remain constant along the chart's radii. However, we make no assumption that the Center is equidistant from the rim or south pole.

The location of any point P on the map can be specified by means of two numbers, r and $\theta$, where r represents the distance of the point from the center along a radial line, and $\theta$ is the angle around the center measured from the Prime Meridian to the radius through P, positive if measured counterclockwise, negative if clockwise. For the Great Circle r = 0, and for all points of the rim r = R, where R is the radius of the boundary. All other points will have values of r between these two extremes. For the Small Circle we have (as nearly as I can measure) r = 0.41 R for the Great Circle, r = 0.72 R.

On a fresh sheet of paper we now proceed to draw a circle of radius R, and drop a Prime Meridian from the center to this circle; in this way we will remap Amor. Points on this new map will also be located by plane polar coordinates r' and $\theta'$, but we want ERB's Center to be the Rim of the new chart, and ERB's Rim to be the new Center. That is, we want r = 0 to become r = R, while r = R must take the new value r' = 0. Obviously this is accomplished by simply putting r' = R - r in general. Hence on our new map the Small Circle will have the radius r' = R - 0.41 R = 0.59 R, while the Great Circle shrinks to the radius r' = R - 0.72 R = 0.28 R. In effect we are flipping all the radii of ERB's map end for end, so that points near the center of his chart are carried out near the Rim of ours, while points near his Rim are brought in correspondingly near our Center. Points along a circle passing midway between ERB's Center and Rim will remain midway between Center and Rim on the new map.

Now imagine yourself standing at a point of the new map, facing "north." This time "north" means toward the Rim, and "south" toward the Center. "East" is still to your right, but as you are now facing outward from the center, "to the right" means clockwise, and to the left (westward) means counterclockwise. Thus you chart not only reverses north and south relative to ERB's map, but also east and west. Consequently any counterclockwise angle $\theta'$ on the original map of Amor becomes the clockwise angle $\theta' = -\theta$ on the new map. The transformation of points from ERB's map to ours may thus be written symbolically,
We have one trivial difficulty in Fig. 1. As mentioned earlier, the Rim of Fig. 1 is touched by both land and water areas, so when we transform the Rim of Fig. 1 into the Center of Fig. 2 we have both land and sea existing simultaneously at the central point— a situation which is physically impossible. We could easily resolve the problem by stipulating that the radial transformation should be not $r - R - r$, but $r - R - r + a$, where $a$ is a small arbitrary distance; this would shrink the Rim of Fig. 1 not into the central point of Fig. 2, but into a very small circle of radius $a$ around the Center. The interior of this circle would be blank and thus might be either land or sea. However, because of the indicated uncertainty of the coastlines in the immediate vicinity of the Rim in Fig. 1, I have elected simply not to carry them down to the very Center. We still end up with a small blank area at the Center, which could be either land or sea. But Fig. 2 suggests very strongly that Thora, Vaxlap, Vodar, Rovlap, Ator, and Sombaj (and possibly the "island" of Trambol) are peninsulas extending fanwise from a single land—mass covering the south pole.

Dave Van Arnam would like a cylindrical projection of Astor. It isn't hard to do.

Taking ERB's map, we first draw a radius from Center to Rim and divide this "Prime Meridian" into any convenient number of equal steps—say ten or twelve. Then we draw a series of concentric circles around the Center, using the successive divisions on our initial line as radii. Next, either with the aid of a protractor or by a succession of bisections, we divide the circumference of the map into a suitable number of equal arc segments (there ought to be at least 20), starting and ending at our "Prime Meridian," and join the end of each segment to the Center with another radius. In short, we begin by superposing on Fig. 1 a plane polar coordinate system. Notice that in doing this we make no hypotheses concerning the projection on which the Map is "really" drawn, nor do we make any assumptions about what the Center and the Rim of the Map are "really" supposed to represent on the surface of Venus. Our polar coordinate mesh is purely a technical device to aid in redrawing the Map.

Our next procedure is to construct a rectangular frame in which the vertical edges on both sides represent our "Prime Meridian"; they should be of the same length as the radius of the circular map, or some simple multiple thereof, and are now divided into the same number of equal steps that occur on each radius of ERB's chart. The horizontal bottom line of our rectangle represents the Rim of the original map, but its length is arbitrary—it need not be equal to $2R$, the circumference of the original map. I would suggest a length of $3R$ (i.e., approximately $2R$) so the width of the rectangle is three times its height. This will leave transverse "east—west" distances in the middle part of the map about equal to what they are on the original, for the circumference of a circle passing halfway between Center and Rim in Fig. 1 is $2R$. The top border of our rectangle represents the Center stretched into a horizontal line.

Divide the base of the rectangle into the same number of equal segments that divide the Rim of Fig. 1, and from the end of each segment erect a perpendicular line up to the top border. These, of course, are just the various radii which we drew into our polar coordinate system for Fig. 1. Join corresponding division marks on the two sides of the rectangle by horizontal lines, and we now have a rectangular meshwork which corresponds exactly to our polar meshwork. If the height of the rectangle is equal to the radius of Fig. 1, then vertical (north—south) distances on the rectangular map will be equal to radial (north—south) distances on ERB map. All that remains now is to transfer carefully the details in each little segment of ERB's chart to the corresponding small rectangle of the second map. In Fig. 1 the small areas immediately around the Center are pie—shaped, whereas in Fig. 3 the corresponding small areas are rectangular; but as these areas are blank anyhow in Fig. 1 this poses no difficulty whatever.

An identical map can be obtained from Fig. 2 by precisely the same process, except that the Rim of Fig. 2 will be the top border of the rectangular chart.

If, as seems likely, Burroughs meant radial distance units on his chart to remain invariant from Center to Rim, then Fig. 3 is a "simple cylindrical" projection of Astor, one of the general family of cartographic forms which includes the well—known Mercator.

No, we don't need any electronic computers or high—fultin' mathematics to change ERB's Astor map into a more easily recognizable form—just a careful look and a little logic.
ON THESE THREE PAGES ARE THE ORIGINAL ROY KRENKEL DUST JACKET SKETCHSubmitted TO ERB, INC. FOR "I AM A BARBARIAN" AND FIVE FINISHED INTERIORS BY JEFF JONES THAT WERE NOT USED. THEY ARE REPRODUCED HERE COURTESY OF ROBERT M. HODES, VICE PRESIDENT OF ERB, INC. - Editor
"We would listen to his tall tales"

"He struck me"
"I pounded him into a pulp"

"I leaped toward the front of the loge, stepping full upon the fat stomach of a senator"
The Sinking of Lady Alice and Titanic in 1912

by Henry Hardy Heins

By far the most sensational news event of 1912 was the sinking of Britain's pride, the brand-new White Star liner Titanic on April 15th.

Edgar Rice Burroughs was working on Tarzan of the Apes in Chicago at the time. Like all Americans, he was doubtless profoundly shocked by the ironic details as well as by the enormous magnitude of the disaster.

The accident occurred on the Titanic's maiden voyage, as she struck an iceberg in the darkness just off the Grand Banks of Newfoundland while making her first approach to the western hemisphere as the largest and most glamorous ship afloat. She was built to be "unsinkable," but she sank that tragic morning with the loss of over 1,500 lives, many of them prominent socialites.

Burroughs finished Tarzan of the Apes, and went on to write The Gods of Mars. Then, eight months after the Titanic went down, he began in December, 1912 his first Tarzan sequel, The Return of Tarzan, completing it in January.

The harrowing accounts of the survivors in the Titanic's lifeboats had been published in the papers, of course, at the time of the disaster. Later in the year, American readers and writers were digesting a second round of more detailed reminiscences as they appeared in magazines and books. The results of the official enquiries on both sides of the Atlantic were also serving to keep public interest alive.

Small wonder then, that more than one novelist was thereby inspired to work shipwrecks and lifeboat ordeals into his latest plots. E. R. B. was no exception, and with his next story that lent itself to the locale (Earth), he followed suit. In The Return of Tarzan we encounter the first of Burroughs' lifeboat scenes; more shipwrecks would follow in succeeding novels.

I will leave it to someone else to check actual 1912 source materials which Burroughs may have used in gathering "color" for "The Wreck of the Lady Alice" in The Return of Tarzan. Let me draw attention to two parallel passages, however. The first is from chapter six of Walter Lord's A Night to Remember (Holt, 1955), which drew on the original 1912 eyewitness accounts:

- Down, down dipped the Titanic's bow, and her stern swung slowly up... The slant of the deck grew so steep that people could no longer stand...
- A steady roar thundered across the water as everything movable broke loose. There has never been a mixture like it - 29 boilers... 800 cases of shelled walnuts... huge anchor chains... tons of coal... 5 grand pianos... two reciprocating engines...
- The Titanic was now absolutely perpendicular... she stuck straight up in the air... Out in the boats, they could hardly believe their eyes... nobody dreamed it would be like this — the unearthly din, the black hull hanging at 90 degrees...

Two minutes passed, the noise finally stopped... she began sliding under... as she glided down, she seemed to pick up speed... When the sea closed over the flagstaff on her stern, she was moving fast enough to cause a slight gulp.

The second passage, which I quote without further comment, is from chapter thirteen of The Return of Tarzan (McClurg, 1915):

- For five minutes the Lady Alice had been settling rapidly by the bow... Already her stern loomed high in the air, and foothold on the deck was of the most precarious nature. She carried four boats, and these were all filled and lowered away in safety. As they pulled rapidly from the stricken little vessel Jane Porter turned to have one last look at her. Just then there came a loud crash and an ominous rumbling and pounding from the heart of the ship — her machinery had broken loose, and was dashing its way toward the bow, tearing out partitions and bulkheads as it went — the stern rose rapidly high above them; for a moment she seemed to pause there — a vertical shaft protruding from the bosom of the ocean, and then swiftly she dove head foremost beneath the waves.

In one of the boats the brave Lord Tennington wiped a tear from his eye...
BUILDING A BURROUGHS COLLECTION

by Caz

AN INTRODUCTION TO FIRST EDITIONS AND BOOKS IN PRINT

Edgar Rice Burroughs has had 76 tales of fiction published; 75 of them in 68 first edition books, and 1 in magazine form only.

Of these 68 first edition books, 1, EE, is in paper covers. Another, GF, does exist in hard cover, but the "book" is so small (4 x 4.5 inches), the type so minuscule and the edition so limited, that the paper cover edition is a more reasonable alternative. In addition, GF and EE are in matching heavy gold paper, 7 x 10 inches, in print, at $2.50 each from the House of Greystoke.

Of the remaining 66 first editions, the 2 Tarzan Twins books, TTw and TJBJ, are also rather out of the ordinary. Both are basically children's books of Tarzan, and both had odd publishers. TTw by Volland, even in 7 editions, is scarce; and is a slim volume, 6.5 x 8.5 inches. It is, however, profusely illustrated in full color. TJBJ by Whitman is a large 7 x 9.5 inch volume, with rather simple illustrations, and is considered rare in either Whitman edition. A reasonable alternative would be TARZAN AND THE TARZAN TWINS by Canaveral Press, as it contains both TTw and TJBJ in a single volume. In addition, it is in print at $3.50 and beautifully illustrated by Roy G. Krenkel.

There now remains 64 first editions, 7 of which are still in print. They are: BTME by Science Fiction & Fantasy Publications; SP, TMD, JCM, TTP and TC by Canaveral Press; and IAB by ERB Inc. The first is $5, the Canaveral's $3.50 each, and the latter is $6. These 7 first editions contain 13 tales. JCM contains "John Carter and the Giant of Mars" and "Skeleton Men of Jupiter." TTP contains "Beyond the Farthest Star" (both parts), "The Resurrection of Jimber Jaw" and "The Wizard of Venus." TC contains "The Quest of Tarzan," "Tarzan and the Champion" and "Tarzan and the Jungle Murders."

This leaves 57 first editions which contain 58 tales. All 57 are out of print—they can no longer be purchased at their original publication price. However, at this writing, ERB Inc. does have 3 of the 58, TFL, LG and EV available for $2.50, $3.75 and $7.50 respectively, each in almost new condition. This is a "special offer" however, and may be withdrawn at any time.

The remaining 54 first editions are definitely out of print, and available only through second hand book dealers or from individual collectors.

At this writing, the only hard cover volumes still in print are: all 24 Canaveral Press editions, 1 Dover edition (LTF/MMa), 3 Whitman editions (TA, TCG and TFC), 1 ERB Inc. edition (IAB), 1 SFPP edition (BTME), and 12 G&D editions (TA thru TLJ). These 42 volumes (there are 2 duplications, LTF & MMa) contain 48 of the total 76 tales, and include the 7 first editions discussed earlier. (Note: Actually, 2 of these 48 tales are also obtainable in two separate anthologies, both in print, a World Pub. Co. volume at $6.50 and a Holt Rinehart & Winston volume at $5.50.)

All the Canaveral volumes are $3.50 each, the Dover volume is $3.75, the Whitman volumes are 59¢ each (and they are somewhat abridged), and the G&D volumes are $1.95 each.

However, since most collectors of ERB prefer the older volumes, none of these 42 volumes are actually desirable from the collector's standpoint. The only exceptions are the first editions described above. (Note: Some collectors collect Burroughs illustrations, and this will be the subject of a future article in this series.)

There are three basic types of paper cover editions; the quality paperbacks from Dover, the booklet or pamphlet paperbacks from House of Greystoke, and the traditional pocketbooks from Ballantine, Ace, Four Square, etc.

The 5 Dover paperbacks are all still in print at $2 or $1.75 each, and contain 13 tales. The 3 House of Greystoke booklets are still in print, GF and EE at $2.50 each and TJ at $3.50. The latter is an excellent example of what House of Greystoke can do.

Burroughs is currently available from four different pocketbook publishers: Ballantine and Ace in the USA, and Four Square and Dragon in England. Ballantine has 24 of the Tarzan titles, all of the Mars titles, plus WC, AD, LL and M still in print at 50¢ each, except for M, which is 75¢. Ace has 36 different books, but actually only 33 tales, and some of their volumes are reported to be out of print. But the entire set is still available if one looks, at 40¢ each.

The British pocketbook field is dominated by Four Square, who seem determined to keep everything in print. Their latest editions have cover art that is entirely different from their earlier editions. Dragon pocketbooks have just begun to come out, but it's anticipated that they will do many more.

By combining in print hard cover editions with in print paper cover editions, the maximum number of tales obtainable at this writing is 69 of the total 76. The 7 remaining tales exist in 5 out of print books and one 1939 magazine. They are:

THE DEPUTY SHERIFF OF COMANCHE COUNTY
ERB Inc. (hard cover only)

THE OAKDALE AFFAIR & THE RIDER
ERB Inc., G&D (hard cover only)

THE GIRL FROM HOLLYWOOD
Mac, Meth (hard cover); PA (pocketbook)

THE OUTLAW OF TORN
McC, G&D, Mth (hard cover); Mth, PA (paper cover)

THE BANDIT OF HELL'S BEND
McC, G&D, Mth (hard cover); PA (paper cover)

"THE SCIENTISTS REVOLT"
Fantastic Adventures, Vol. 1, No. 2, July, 1939 (mag.)

The next article in BUILDING A BURROUGHS COLLECTION will discuss the out of print volumes.
A CHECKLIST OF BURROUGHS BOOKS IN ENGLISH by Caz

Abbreviations of ERB Publishers

Ace - Ace Books, Inc.
AHP - Anonymous Hyngecrafted Pamphlet
AS - Editions for the Armed Services, Inc.
BB - Ballantine Books, Inc.
BCN - British Columbia News Co., Ltd.
Bil - John Lane, The Bodley Head
Brt - A. L. Burt Company
Btm - Bantam Publications, Inc.
Clw - Wm. Allen & Sons Co., Ltd.
CP - Canaveral Press
Csl - Cassell & Co. Ltd.
Cen - C. F. Casesove
Del - Delphi Publishing Co., Inc.
Dvr - Dover Publications, Inc.
DS - Dragon Series
ERB - Edgar Rice Burroughs, Inc.
FS - Four Square Books Ltd.
Gldn - Goldin Allen (size)
Gkd & G - Groset & Dunlap
HG - House of Greystock
LAE - Lloyd A. Eshbach
Mac - The Macaulay Company
MB - Metropolis Books Inc.
Mcc - A. C. McClurg & Co.
Mgs - McClelland, Goodchild & Stewart
M.elmac - McClelland & Stewart
Mstbn - Muthen & Co., Ltd.
Odh - Odhams Press Ltd.
Pc - Pinnacle Allen (reg. size)
Pfy - P. F. Volland Company
Ppf - Publicity Products Ltd.
Psf - Peter Smith
SFFP - Science Fiction & Fantasy Publications
Tch - Bernard Tauchnitz
Tmc - Toronto News Co., Ltd.
Wc - The Wilma Co.
Wha - W. H. Allen & Co., Ltd.
Wht - Whitman Publishing Co.

AN EXPLANATION OF THE FORMAT

The basis of this checklist is Edgar Rice Burroughs' first editions, of which there are 68. They are listed by series, in chronological order of first edition publication in the first column. Letters in parentheses are abbreviations for that book title (some differ from Heins' abbreviations); numbers in parentheses indicate number of separate tales in that volume. (Note: Although the text of British editions of TAM and Ace editions of MOON MEN differ from the original first editions, they are not considered first editions of different stories, since the basic plots are the same as the true firsts.)

The middle column lists hard cover publishers, in not necessarily strict chronological order of publication. Numbers after publisher's abbreviation indicate significant additional editions from that publisher. For instance, although 1 do list both Gkd editions of the Illustrated Tarzan Book No. 1, I do not list both wartime editions of the MOON TALES titles: e.g., TGL Gkd editions: early, photoplay, wartime, 1948 & recent.

Unfortunately, such significant changes as actual size and color of bindings are too numerous or unknown to be indicated here, but dust jacket or cover art changes are.

The right hand column is paper cover editions. The serious collector is referred to H. H. Heins, GOLDEN ANNIVERSARY BIBLIOGRAPHY OF E. R. B., for specific details and more explanation of various editions, etc.

This publisher used a new title. All combination titles are different, of course. Significant changes are: MOON MAID is CP's MOON MEN, JUNGLE GIRL is Ace's LAND OF HIDDEN MEN, ETERNAL LOVER is Ace's ETERNAL SAVAGE. The others are minor or are indicated.
The Burroughs Brotherhood

by Caz

C. E. Scoggins would never have thought of himself as a member of the Edgar Rice Burroughs Brotherhood. But three Central and South American jungle adventure novels, while not quite as rousing as ERB, warrant his inclusion in the club.

Born in Mazatlan, Mexico in 1888, Scoggins moved to Texas where he attended the University of Texas. His early years were spent in selling hardware, but his interest in Central and South American Myth and archeology was already developed. Then, a chance meeting with the famous mystery writer, Mary Rhinehart, resulted in a try at writing fiction.

Soon he was a regular contributor to The Saturday Evening Post, a resident of Boulder, Colorado and author of THE RED GODS CALL, a non-fantasy adventure story of South America.

But Scoggins' interest in ancient Mayan and Inca civilizations had grown, and he was soon infatuated with the often fantasized theory that the Mayans migrated from Atlantis to the New World. He researched in the Univ. of Colorado, was active in political affairs in Boulder and died in December, 1955.

This interest resulted in three novels: THE HOUSE OF DARKNESS, Bobbs-Merrill, 1931; THE HOUSE OF DAWN, Appleton-Century, 1935; and LOST ROAD, Doubleday, Doran, 1941. Each of these books is an excellent example of what is commonly known as a "lost race" fantasy (Burroughs can be credited with over a dozen such "lost race" novels, mostly in the Tarzan series), for an underlying theme of each of them is that of a surviving race of Mayans, Incas or Atlanteans.

DARKNESS tells the story of the discovery of an ancient Mayan city, yet inhabited, in the jungles of Yucatan by a young adventurer and his friend, Christopher Kane, a huge blond-bearded man, whom the Mayans think is their Fair God, Kukulcan, finally returned.

DAWN is the story of a young engineer-adventurer's discovery of the long lost Inca gold and its strange Indian guardians in the Amazonian hinterland.

ROAD is a loose sequel to DAWN, and concerns itself with the locating of a degenerate bearded white race on a hidden plateau at the headwaters of the Amazon by a young archeologist, and his struggle to survive.

This is escape reading in the ERB tradition, and the aura of wonders and mystery is accentuated by Scoggins' archeological accuracy and smooth writing style. Though all 3 books are rather scarce, they are worthy members of a Burroughs Brotherhood library.
The biggest news since last issue is that Russ Manning, longtime artist for Gold Key's TARZAN, has been appointed to take over the Sunday and daily newspaper Tarzan strip. Mr. Hodes of ERB Inc. says that "Russ plans to continue on the GK Tarzan issue." (For a photo of Russ, see ERB-dom #12, page 5.)

Word is that the Tarzan TV issues are dead, but Giolitti will still do 4 Tarzan issues per year, and Manning will do 8 a year. Mike Royer is doing bit pieces from JTT for Korak, and he inked Korak #20 and #21. Manning will ink #22.

The British Dragon series of ERB includes 4 titles so far: TA, RT, BT, ST; with TJO in 2 parts, TQ and TAM due out now and some Mars titles planned. Each has new cover art, modern but good.

Four Square has re-released 8 titles: TA, TAM, TEC, TI, TCG, TLeM, TMd, but these with new cover art. Four more are due out now: JTT, TI, TQ and TC. Artist's name is unknown, but art is excellent!

The World Adventure Library Tarzan comic was short lived: 4 issues reprinting old Dell art. TV Tornado continues to appear, latest issue is #34.

Although I've not seen the 12 new G&K Tarzan titles, I understand they are a matched set.

Two more Japanese ERB pbkts are out, PV and FMM, both with great 2 page color frontispieces.

Ian Ballantine says no definite publication dates for OUTLAW OF TORN or I AM A BARBARIAN yet.

The New York Sunday News, Sept. 24, 1967 has "Tarzan at Home" article; it's on Ron Ely off the set.

Variety for Sept. 13 & 20 have articles on Tarzan; movie review and TV series review respectively.

Witzend #3 has part II of the Reed Crandall ERB portfolio: W. Wood, Bx 882, Ansonia Stn, N. Y., N. Y. 10023,

B. F. Goodrich has a large full color display stand of Tarzan & animals for P. F. Flier kids shoes.

MS International of New York City lists 20 licensed companies producing Tarzan merchandise in a 4 page booklet. Most sound very childish.

Aurora Plastics Corp. has a Tarzan model out, a plastic kit, advertised in color on DC comic backs.

A significant omission for last issue HI was a set of 66 Tarzan bubble gum cards, each numbered, and each with a different "bit" story & color scene.

Finally, in Japan there's a foot high mechanical Tarzan toy that walks about and gives the yell!!!

CORRECTION

In the House of Info column of ERB-dom #19, I described the then new stationary of ERB, Inc. and mentioned that Ben, King of Beasts/The Man-Eater was absent from the list of ERB works listed on the letter head. It has since been pointed out by two ERB fans that there are other omissions and errors. The Efficiency Expert and Tarzan and the Tarzan Twins with Jad-Bal-Ja, the Golden Lion are absent, as are a number of unpublished stories. Perhaps most significant is the inclusion of "The Warlords of Mars". Editor