

Moon? *(Continued)*



America's first lunar probe, launched in October, traveled 79,000 miles.

us off; so our space ship will certainly have to carry protective arms. But firing these weapons on the moon would be entirely different than firing them on earth.

Without the resistance of air and gravity, the trajectory and force would be different. No doubt the moon pioneers would first practice firing here under vacuum-type conditions to get the feel of firearms under moon conditions.

HIGH INTELLIGENCE, backed by strong will power, probably will also be at a premium on the moon. You have to consider that man will feel almost constantly "off balance" and "unnatural" up there. And his seeming weightlessness may give him a sense of giddiness. His head will be encased in glass or plastic and the rest of him wrapped in some sort of protective material. He will be weighted down to make up for the lack of gravity.

He's likely to feel "hemmed-in" and "light-bodied" alternately, maybe even simultaneously; yet he is going to be in utterly strange surroundings, with potential danger all around him, so he must be constantly alert and razor-sharp mentally.

That's why I say it's going to take dedicated, disciplined people to survive a journey to the moon. They're going to have to make tough decisions under trying and restrictive conditions. And they're going to have to keep up their scientific work if their trip is to be meaningful.

There's always the danger, too, that they may not be able to get back to earth. Their space ship could crack up pretty badly. Or the rocket engine might not operate with the expected force on the moon. They would really be up against it then, for they could bring along only a limited amount of food and water. Then what?

Well, their situation wouldn't be hopeless. Their salvation might lie in the lowly algae growth, that slimy green stuff that accumulates in stagnant ponds. This matter multiplies amazingly fast, sometimes doubling itself in a day's time. Earth's first pioneers to the moon undoubtedly will carry this algae stuff along with them. It may not be the tastiest food

in the world but it will sustain man. Since algae is produced in water, it may also contain enough water property to enable man to get by without consuming water separately. Some animals, you know—the kols bear of Australia, for instance—never drink water. The eucalyptus leaves they eat provide their bodies with the necessary liquid. And algae, by its phenomenal process of growth, may help manufacture enough new oxygen-filled air about it to enable man to continue breathing.

Man also will bring along some pre-fab housing facilities—in all probability that of geodetic design. Disassembled, these domelike structures take up a minimum of space and, when put together, are quite livable.

All things considered, I think man, for all the trials ahead, is going to take over the moon. I am convinced that he will manage to cling to a beachhead there, and that the Army corps of engineers will be going up after awhile to construct base facilities. As a matter of fact, we've already begun considering the problem of putting up those facilities.

If I have conveyed the idea that, even with the best of luck, living on the moon won't be easy, then I have managed to be honest and accurate. The adventure is bound to be fraught with danger, and no one can really prophesy its outcome.

Yet if there is one thing certain about the trip to the moon it is that there will be plenty of volunteers. Man is an adventurous creature. He may have his faults, but he also has abundant courage. Otherwise he wouldn't have survived on earth, which certainly isn't the easiest place to live on, either.

For More About Rockets

The first manned rocket ship to reach the moon will indeed be a marvel of scientific ingenuity. But its basic principles go back to the year 1926 when the first successful rocket was fired. For the little-known story of that firing and the man behind it, turn to page 20.

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Announce Way To Help Drain All 8 Sinus Cavities Without Discomfort

New decongestant tablet for sinus congestion sufferers
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New York, N. Y. (Special) Announcement has been made of a new tablet development which has the remarkable ability to help drain clogged sinus cavities and thus relieve congestion and pressure. The headaches, pressure pains, stuffed-up head, nasal drip, clogged breathing—all the unrelenting symptoms the sinus sufferer knows so well—are attacked directly by improving drainage of the sinus areas.

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shrinks the swollen doors to the sinus cavities and helps drain away the pain-causing pressure and congestion.

The shrinking substance in this new tablet has been so successful topically in promoting drainage of the sinus cavities that it is now prescribed more widely by doctors than any material for this purpose. This new medication is now available at drug counters without the need for a prescription under the name, Dristan[®] Decongestant Tablets. Dristan Tablets cost only 98¢ for a bottle of 24 tablets. Buy and use Dristan Tablets with the absolute guarantee that they will drain away pain-causing pressure and congestion of the sinus cavities, relieve the pain and distress, or purchase price will be refunded.