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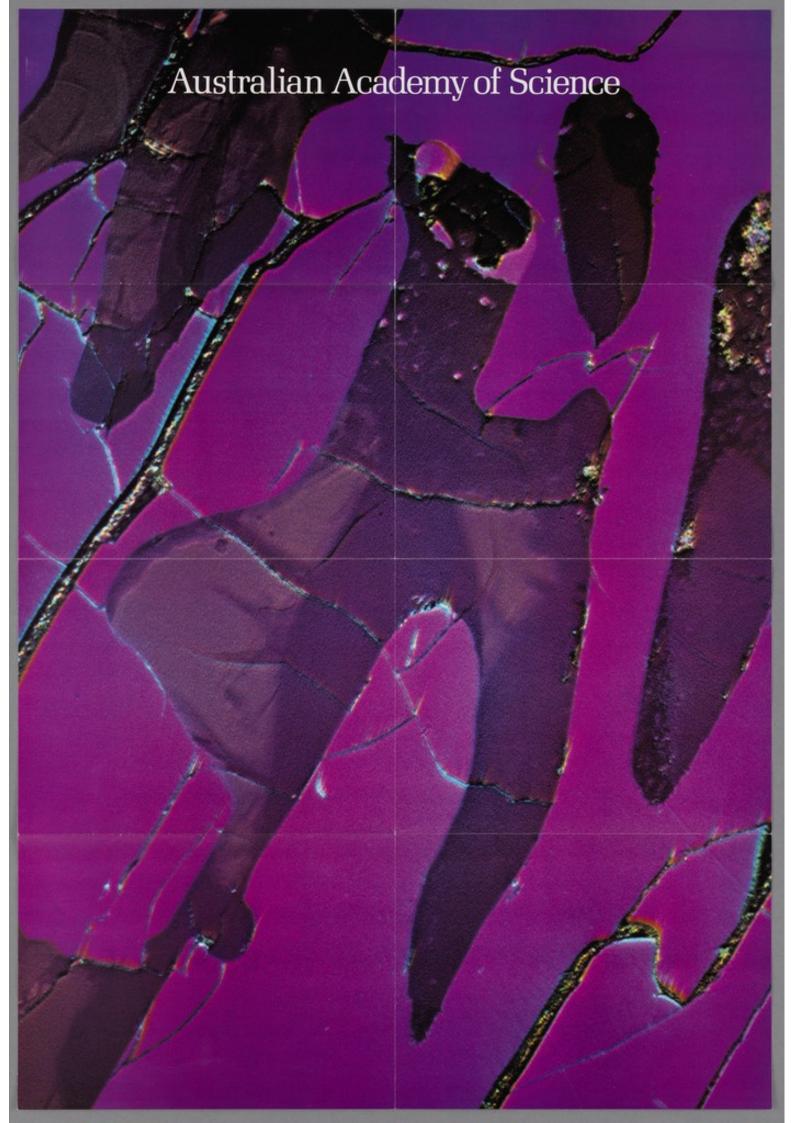
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Australian Academy of Science

The Australian Academy of Science has as its aim to spread scientific knowledge, to establish and to maintain scientific classification in Australia, and to recognise outstanding personal contributions to the advancement of science. The Academy, which celebrates its Silver jubilies in 1879, was set up moder

Few issues in science in Australia arise without contribution from the Australia arise without while to speak for natural science as a whole. While members of the Australian sort few Australian are sense of the Australian area few, its work touches many segments of the Australian area few.

Its members, 192 Fellows, are elected for their per-eminence in acience, and include many of those involved in the most exciting scientific developments in Australia. They come from the control of the COST.

By its attentible reports on such topics as Supersonic Transport Use of EU., Dot and Cananay Mear Disass. Food Additives, Climatol Change, Olfsdoore Researches, Transport and Effects of Noise. It provides independent information of high quality to government and the community on prolumnated by technology and present-day developments is society Noises on harmonic processes of the contraction of the Noises of the Noises

development of Australia.

Lusders of sciences, inclusity, povernment and other parts of the community job in the Azademy's Science & Industry Street, and the community job in the Azademy's Science & Industry Street, the expected ways in which science and industry can benefit the nation's development. Hundreds of scientials given been street as the science of the Azademy by contributing to its scientific respective, working groups, and it.

Many other scientists have participated in the scientific concerns equation in Americals by the Academy in the past trentry years. School teachers and school children know the Academy for its senior secondary course "Biological Science The Web of Life", developed and published by the Academy This is now a standard text which has recolutionised the teaching of histories and interes of Acastralis.

beaching of biology in all sides of Australia.

The Austrony is a local point in Australia for international activity in science. The International Couphyrical Year, which is 1905, see the Basicalian of the first satellites and the crossing of Authorities, is one example. The more recent International Biological Programme and the present Golden Weather Experiment, a major international collaborative scientific interpretes, which stated in Disconnibile 1900 are solutified in September 1900 and stated in the Commission of the Comm

systems, follow in the same partners.

The exchange of visiting groups of scientists from China and
Australia, and the start of similar exchange visits with Ispan,
are among the Academy's other contributions to Australia's

The Academy, an independent organisation, receives finances from its own efforts, from private sources, and from



The new moon

Looking somewhat like an Artec bird, this poster show mineral textures in a lunar sample returned by the first manner

mission to the moon Apollo 11, July 20, 1989; The 400 kg of lines rucks and soils neturned to its received a facilitation insight into the origin street

provided a fascinating insight into the origin, structure and evolution of the moon. The moon stands revealed, not as a ball of shining crystal nor a primeral sample of the solar nebula, but as a small planet, possibly with a unique composition. The great are of the samples, exceeding 3 and often 4 billion

The great age of the samples, exceeding 3 and often 4 billion years, also provides a window into the early history of the Subaryolann. The moon records a complex neries of these early events of which the Earth, because of its continuous geological activity, now bears no vention.

Thus we now know more about the bread outlines of early loans history than we do about the first billion years of the Earth's history. The moon was formed about 6600 million years og o, close to the deat of formation of the Earth and the Solar System. The details of the actual origin of the moon are still easter of lively scientific debate. Melting of about half the moon shortly after it was formed led to the formation of a 04 into Kingle of outcomed creat (the history lands) and the history of the history lands of the history of the history history of the history of th

During the next stage in the smooth history the crust was operatedly pulvaried and cancer do year intense hombourhoost of noticethes, extended and counts. The crusters and basis are of addition up to 2000 km in distancies. So additionally the automatics would not dig deeply into the linear surface these accommon could not dig deeply into the linear surface them.

able depth on to the surface providing us with samples of a great range in age and composition.

As the boothearchises described in intensity about 4 button years ago, beautic less method in the deep lateries, welled upand flowed across the scarred surface to fill the craters and depressions. These dark lava flows are visible as the features of the "man in the mone".

Assess three temon years ago the viocanic activity research Since then the moon has been almost lent. This is in contrast to the Earth where nearly all nocks are younger than 2 billion years; we live on a dynamic, mobile planet which is still activity engaged in mountain building and voicanic activity, see-Gord formation and continental driv.

The rock illustrated in the poster is from one of the dark hours pision. B flowed out on the hours suchairs as less 1700 million years ago. During cooling, several distinct minerals crystallized, producing the inhericating pattern observed free key! This photomicrograph was taken with a Zelas Photomicroscope II in reflected light, using Nomarkii interferencecontrast equipment. [Original 25 mm transparency image factor 80.1, nolleged 1900—1.]

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