



**Japan's eight-meter class large-scale optical-infrared telescope that garnered worldwide attention**

Registration No.	Number 00391		
Registration Date	18 September 2025	Registration Category	Category 2

Name (Model, etc.)	Subaru Telescope		
Location	The summit area of Maunakea Kea, Hawaii, U.S.A.		
	NAOJ Subaru Telescope		
Owner (Custodian)	Inter-University Research Institute Corporation, National Institutes of Natural Sciences, National Astronomical Observatory of Japan		
Manufacturer (Company)	Inter-University Research Institute Corporation, National Institutes of Natural Sciences, National Astronomical Observatory of Japan; Mitsubishi Electric Corporation; TAISEI CORPORATION; Fujitsu Limited		
Year Manufactured	1999 (Manufactured: 1991–1999)		
Year first appeared	1999		
Reason For Selection	<p>This item is the first Japan-made, monolithic primary-mirror telescope that, at the time of its completion, was the world's largest and top-performing telescope. In the late 20th century, Japan, the U.S.A., and Europe were in competition to develop an eight-meter class telescope. Though Japan was virtually inexperienced in large-scale telescope construction, it made skillful use of its experience with radio telescopes, satellite communication technology, and other methods to develop 17 key technologies. This item is also the first large Japanese optical and infrared telescope to be established overseas. This led to success astonishing the world with discoveries such as repeatedly breaking the record for the most distant observed galaxy. Even today, it continues to produce astronomy-related results, using elements such as the wide field-of-view available at the prime focus. It is important because it is a large-scale telescope that garnered worldwide attention.</p>		
Registration Criteria	<p>1-A (Shows an important aspect or stage in the development of science and technology.)                      1-C (Contributed to the creation of a new scientific or technological field.)</p>		

Open/Closed to the Public	Not on public display		
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Photos	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">©National Astronomical Observatory of Japan</p> <p style="text-align: right;">©National Astronomical Observatory of Japan</p>		
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