MORE THAN MEETS THE EYE

IMAGE LIST

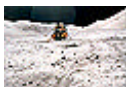
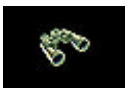
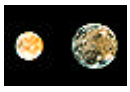
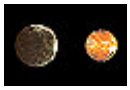
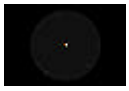
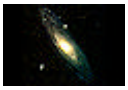
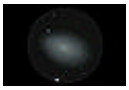
 1. Title logo	 16. Apollo rover	 31. Jupiter 8"	 46. Orion Star*Line *(vertical)*
 2. Observatory	 17. Apollo lander	 32. Hubble	 47. Taurus Star*Line
 3. Binoculars	 18. Venus binoc	 33. Jupiter from Hubble	 48. Pleiades binoc
 4. 4" Newtonian scope	 19. Venus 4"	 34. Voyager spacecraft	 49. Pleiades 4"
 5. 8" Schmidt-Cass. scope	 20. Venus 8"	 35. Jupiter from Voyager	 50. Pleiades astrophoto
 6. Jupiter binoc	 21. Mariner spacecraft	 36. Jupiter clouds	 51. Orion Nebula 4"
 7. M6/M7 4"	 22. Venus from Mariner	 37. Europa/ Ganymede	 52. Orion Nebula 8"
 8. Hercules Cluster 8"	 23. Venus UV	 38. Callisto/Io	 53. Orion Nebula astrophoto
 9. Jupiter from Voyager	 24. Mars 4"	 39. Saturn from Voyager	 54. Andromeda Galaxy 4"
 10. Andromeda astrophoto	 25. Mars 8"	 40. Saturn false-color	 55. Andromeda Galaxy 8"
11. Orion astrophoto	26. Viking orbiter	41. Saturn 8"	56. Andromeda astrophoto
12. Moon binoc	27. Mars from Viking	42. Saturn 4"	57. Crab Nebula binoc
13. Moon 8"	28. Mars surface from Viking	43. Ursa Major Star*Line	58. Crab Nebula 8"
14. Moon astrophoto	29. Jupiter binoc	44. Alcor/Mizar 4"	59. Crab astrophoto
15. Apollo astronaut	30. Jupiter 4"	45. Alcor/Mizar astrophoto	60. Beehive binoc

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IMAGE LIST

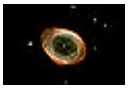

61. Beehive 4"


62. Albireo 8"


63. Lyra Star*Line


64. Epsilon Lyrae binoc


65. Epsilon Lyrae 4"


66. Ring Nebula astrophoto

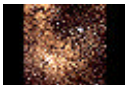

67. Ring Nebula 4"


68. Hercules Cluster 4"


69. Hercules Cluster 8"


70. Milky Way binoc

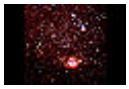

71. M6/M7 binoc


72. M6/M7 astrophoto


73. Lagoon/ Trifid 4"


74. Lagoon/ Trifid 8"


75. Lagoon/ Trifid astrophoto


76. Lagoon/ Trifid closeup


77. Credit title


78. Credit writer/artists


79. Credit narrator/music


80. Credit astrophotos


81. Credit Spitz


82. Credit LNP


83. Backyard wide-angle

MULTI-PANEL IMAGES

A | B | C

M1. Backyard pan

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MORE THAN MEETS THE EYE

time	visuals	audio	
:00	**House lights fade Sunset**	*(Opening music: 48 sec.)*	1
	[1] Title logo		2
:37	[M1] Backyard pan	*(crickets fade in)*	3
	Planetarium stars		4
:49		Stargazing — just looking at the night sky — it's an activity anyone with a curiosity about the heavens can enjoy.	5 6 7
			8
:57		Step outside on a clear, dark evening and you can see thousands of stars.	9 10
			11
1:04	**Planetarium Moon**	Many nights, the Moon brightens the sky...	12
			13
	Planetarium planets	and sometimes you can find a planet or two shining among the stars.	14 15
			16
1:13		There are other stellar treasures out there, if you know where to look — a galaxy, a nebula, or a star cluster.	17 18 19
			20
1:21		Backyard astronomy is enjoyable and simple. To begin, all you need to do is look up. Then, as you become more familiar with the sky, you may find yourself wishing you could improve the view.	21 22 23 24 25

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MORE THAN MEETS THE EYE

time	visuals	audio
1:34		If you're like most of us, you'll want to take a closer look at what's out there. And, when you start to magnify your vision, you'll discover that there's more to the night sky than meets the unaided eye.
1:47	[2] Observatory	You don't need access to a large observatory to get a good look at the sky. There's a universe of viewing to be had through amateur equipment.
1:56	[3] Binoculars [4] 4" Newtonian scope [5] 8" Schmidt-Cass scope	Many of us already have binoculars, or perhaps a "backyard-type" telescope. We quickly notice the difference between the naked-eye view of the sky, and the sights we see through our instruments.
2:09	[6] Jupiter binoc [7] M6/M7 4" [8] Hercules Cluster 8"	Brilliant white, yellow and reddish dots start to look like planets; a pair of stars becomes a cluster; and clouds of light resolve into thousands of individual stars.

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time	visuals	audio
2:24	[9] Jupiter from Voyager [10] Andromeda astrophoto [11] Orion astrophoto	But, what we see through a telescope seldom looks like the great pictures in the magazines. Large telescopes give views that are far different from those seen using small instruments — just as a binocular view is not the same as scanning the sky with the unaided eye. And when we photograph the sky, the pictures show details and colors that no human eye can see.
2:49		Let's take a look at some celestial objects as they might appear through binoculars and telescopes from our backyards — then, compare them with photographs from observatories, and closeup images taken by spacecraft.
		(music segue: 10 sec.)
3:11	**Planetarium Moon (near full)**	The one object in the night sky that you can't miss is the Moon! It's such an inviting target for observation, you're sure to find something interesting on its surface.

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time	visuals	audio	
3:22		Sometimes the Moon's glare washes out all but the brightest objects in the sky. Of course the Moon doesn't generate light on its own — it only reflects the light of the Sun.	1 2 3 4 5
3:35		No matter when you look at the Moon, you see light and dark areas. It takes only a little imagination to make a face out of them — the familiar "Man in the Moon".	6 7 8 9 10
3:47	 **Pointer**	The dark regions are wide plains called "maria". When Apollo 11 landed on the Moon, it set down in one of these maria — this one — called Mare Tranquillitatis, the Sea of Tranquility.	11 12 13 14 15 16
4:03	[12] Moon binoc	Early in its history, the Moon was bombarded constantly by meteorites, and you can tell when you look at the Moon with binoculars or a small telescope. What you see are craters — lots of craters.	17 18 19 20 21 22 23 24 25