

**Raccolta fotografica Immagini  
astronomiche dell'Astronomical  
society of the Pacific**

Materiale: fotografico

Contiene fotografie di galassie, nebulose, pianeti e comete. Contiene anche alcune elaborazioni grafiche relative a progetti di insediamenti umani nello spazio ideati dalla NASA negli anni '70. Le fotografie, inviate dall'Astronomical society of the Pacific all'Istituto e Museo di storia della scienza di Firenze il 18 settembre 1979, furono scattate presumibilmente negli anni '70 del XX secolo

**Fotografie Immagini astronomiche I:  
Astronomia generale, [1970?-1979?], Regesto:**

1. "NGC 205. Galaxy, in Andromeda : satellite of the great galaxy" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
2. "NGC 224. Great galaxy, in Andromeda : satellite galaxies" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
3. "NGC 598. Galaxy, type Sc, in Triangulum : shows entire galaxy" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
4. "NGC 1300. Galaxy, type SBb(s), in Eridanus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
5. "NGC 1398. Galaxy, type SBb(r), in Fornax" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
6. "NGC 1432. Star Merope in the Pleiades cluster in Taurus : showing nebulosity" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
7. "NGC 1432. Pleiades, an open star cluster in Taurus : shows major stars and surrounding nebulosity" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
8. "NGC 1952. Crab nebula in Taurus : four views in blue, yellow, red and infrared light " (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
9. "NGC 1952. Crab nebula in Taurus, remains of supernova of AD 1054" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
10. "NGC 1976. The Great nebula in Orion" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
11. "NGC 2237. Gaseous nebula : the Rosette nebula in Monoceros" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
12. "NGC 2237. Enlarged section of the Rosette nebula in Monoceros : showing fine absorption detail" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
13. "NGC 2261. Hubble's variable nebula in Monoceros" (fot., 1 diapositiva, b/n, 24x36 mm,

- [1970?-1979?])
14. "NGC 2685. Galaxy, type SO, in Ursa Major" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  15. "NGC 2903. Galaxy, type Sc, in Leo" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  16. "NGC 3031. Galaxy, type Sb, in Ursa Major" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  17. "NGC 3185. Galaxy, type Sba(s), in Leo" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  18. "NGC 3587. Planetary nebula : the Owl nebula in Ursa Major" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  19. "NGC 4565. Galaxy, in coma Berenices, type Sb, seen edge-on" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  20. "NGC 4594. Galaxy, type Sa/Sb, in Virgo : seen edge-on" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  21. "NGC 4725. Supernova in type Sb/SBb galaxy, in coma Berenices : two views, May 10, 1940, and January 2, 1941" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  22. "NGC 5128. Galaxy, unusual type, in Centaurus : a source of radio noise" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  23. "NGC 5194. Whirlpool in Canes Venatici : satellite galaxy" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  24. "NGC 5364. Galaxy, type Sc, in Virgo" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  25. "NGC 5457. Supernova in Ursa Major : two views photographed June 9, 1950, and February 7, 1951" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  26. "NGC 6205. Star cluster, globular, in Hercules : the famous Hercules cluster" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  27. "NGC 6514. Gaseous nebula : the Trifid nebula in Sagittarius, photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  28. "NGC 6523. Gaseous nebula : the Lagoon nebula in Sagittarius : photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  29. "NGC 6611. Gaseous nebula, in Serpens : photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  30. "NGC 6618. Gaseous nebula : the Omega nebula in Sagittarius, photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  31. "NGC 6720. Planetary nebula : the Ring nebula in Lyra, photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  32. "NGC 6720. Ring nebula in Lyra : four photographs in blue, green, yellow and red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  33. "NGC 6853. Dumbbell nebula in Vulpecula" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  34. "NGC 6960. Gaseous nebula : western loop of the Veil nebula in Cygnus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  35. "NGC 6960-92. Gaseous nebula : entire Veil nebula in Cygnus, photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  36. "NGC 6992. Gaseous nebula : portion of eastern loop of the Veil nebula in Cygnus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  37. "NGC 7000. North America nebula in Cygnus : photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  38. "NGC 7293. Planetary nebula in Aquarius : photographed in red light" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  39. "NGC 7331. Galaxy, type Sb, in Pegasus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

40. "S-16. The 48-inch Schmidt telescope on Palomar" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche II:**

#### **NASA, [1970?-1979?], Regesto:**

1. "HP 011. Apollo liftoff" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. "HP 013. Lunar farside" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. "HP 014. Approaching landing site" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. "HP 015. Eagle returns to Columbia" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. "HP 71. Egypt, Red Sea, Israel" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. "HP 72. Lake Titicaca in the Andes" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
7. "HP 73. India and Ceylon" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
8. "HP 74. Egypt, Nile R., Jet Stream clouds" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
9. "HP 75. Clouds over Pacific Ocean" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche III:**

#### **Riprese della Terra dal satellite, [1970?-1979?], Regesto:**

1. "1." New York (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. "2." Florida (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. "3." Delta del Mississippi (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. "4." Gran Canyon (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. "5." California (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. "6." Baia di San Francisco (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
7. "7." Los Angeles (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
8. "8." Isole Hawaii (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
9. "9." Lago Manicouagan, Quebec (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
10. "10." Italia (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
11. "11." Mar Rosso (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
12. "12." Deserto del Belucistan (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
13. "13." Tokyo (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
14. "14." Eruzione di un vulcano in Giappone (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
15. "15." Monte Egmont, Nuova Zelanda (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche IV:**

#### **Riprese di Marte dalla sonda Viking, [1970?-1979?], Regesto:**

1. "1." Alba su Marte (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. "2." Alba su Marte (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. "3." Noctis Labyrinthus (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. "4." Noctis Labyrinthus (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. "5." Noctis Labyrinthus (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. "6." Noctis Labyrinthus : ripresa di notte (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
7. "7." Noctis Labyrinthus : ripresa di notte (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

8. "8." Ripresa di Marte da satellite orbitante (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
9. "9." Ripresa di Marte da satellite orbitante (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
10. "10." Grand Canyon (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
11. "11." Grand Canyon (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
12. "12." Grand Canyon (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
13. "13." Tempesta di polvere vista da Orbiter 2 (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
14. "14." Viking 3 (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
15. "15." Viking 3 (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche V:**

#### **Progetti di insediamenti umani nello spazio, [1970?-1979?], Regesto:**

1. Colonia rotante cilindrica : esterno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. Colonia rotante cilindrica : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. Colonia rotante cilindrica : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. Colonia sferica Bernal : esterno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. Colonia sferica Bernal : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. Colonia sferica Bernal : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
7. Colonia sferica Bernal : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
8. Colonie a forma di ruota : esterno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
9. Colonia a forma di ruota : interno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
10. Colonie a forma di tazza : esterno (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche VI:**

#### **Sistema solare, [1970?-1979?], Regesto:**

1. "HPF 1. The solar system" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. "HPF 2. Formation of the planets" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. "HPF 4. Mercury" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. "HPF 5. Crescent Venus" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. "HPF 6. Clouds of Venus" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. "HPF 8. Full Moon" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
7. "HPF 9. Mars" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
8. "HPF 10. Mars: Olympus mons volcano" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
9. "HPF 11. Mars: Grand Canyon" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
10. "HPF 12. Mars: Sinuous channel" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
11. "HPF 13. Phobos" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
12. "HPF 14. Jupiter with moons" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
13. "HPF 16. Saturn" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
14. "HPF 17. Saturn: rings edge-on" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
15. "HPF 18. Uranus & Neptune" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
16. "HPF 19. Pluto" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
17. "HPF 20. Comet Ikeya-Seki" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])

### **Fotografie Immagini astronomiche VII:**

#### **Galassie, nebulose, comete, Sole, pianeti, Luna, [1970?-1979?], Regesto:**

1. "6. Nova Persei (1901) : shows expanding nebulosity surrounding star" (fot., 1 diapositiva,

- b/n, 24x36 mm, [1970?-1979?])
2. "10. Cane nebula in Monoceros" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  3. "43. A portion of a large cluster of galaxies in coma Berenices" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  4. "68. An unusual cluster of galaxies in Hercules" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  5. "69. Picture and spectrum of most distant object, 3C295 in Bootes" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  6. "138. A montade of six galaxies with NGC numbers and classifications" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  7. "139. A montage of six barred galaxies with NGC numbers and classifications" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  8. "157. Gaseous nebula in Cygnus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  9. "204. Mosaic of Milky Way : extends from Sagittarius to Cassiopeia" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  10. "238. Corona photographed during the total eclipse at Green River, Wyoming, 1918 June 8" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  11. "253. Full phase : age 14 days" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  12. "257. Northern region, age 21 days : from Copernicus to limb" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  13. "258. Southern region, age 21 days : from Ptolomaeus to the limb" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  14. "259. South central region, age 21 days : region of Ptolemy and Tycho" (fot., 2 diapositive, b/n, 24x36 mm, [1970?-1979?])
  15. "261. Central region, age 21 days : craters Ptolemy and Eratosthenes" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  16. "262. Northern region, age 8 days : Caucasus mountains and Alpine valley " (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  17. "263. Mosaic : composite photograph showing entire crescent at last quarter" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  18. "264. Crater Clavius and surrounding region" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  19. "265. Crater Copernicus and surrounding region" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  20. "270. Venus : six views in ultraviolet light: June 6, 23, 24, 26, 30 and July 1, 1927" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  21. "272. Mars : four views" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  22. "274. Saturn : shows the planet and ring system" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  23. "275. Mars, Jupiter, Saturn and Pluto" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  24. "279. Jupiter : shows large red spot and satellite Ganymede : satellite's shadow visible on surface of planet" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  25. "280. Jupiter" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  26. "282. Venus" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  27. "290. Halley's comet : two views, May 12 and 15, 1910, showing tails 30° and 40° long respectively" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  28. "293. Cunningham comet : photographed December 21, 1940" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  29. "294. Mars, four views in different colors : taken during closest approach to the earth, 1956" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  30. "295. Arend-Roland comet : five views taken April 26, 27, 29, 30 and May 1, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
  31. "296. Mrkos comet : four views taken August 22, 24, 26 and 27, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

32. "297a. Arend-Roland comet : taken April 26, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
33. "297c. Arend-Roland comet : taken April 29, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
34. "298a. Mrkos comet : taken August 17, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?]) 35. "298b. Mrkos comet : taken August 22, 1957" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?]) 36. "334. Instrument pointing to the zenith, as seen from the east side" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])
37. "372. Interior view of the dome with instrument pointing south" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])

## **Fotografie Immagini astronomiche VIII:**

### **Fotografie astronomiche, [1970?-1979?], Regesto:**

1. "S-2. Exterior view of dome in moonlight" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
2. "S-3. Interior view as seen from east side" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
3. "S-10. Astronomer in observing capsule at top of telescope tube" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
4. "S-19. North America nebula in Cygnus" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
5. "S-20. The Veil nebula in Cygnus" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
6. "S-21. The Ring nebula in Lyra" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
7. "S-22. Crab nebula in Taurus : remains of star that exploded in A.D. 1054" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
8. "S-23. Great nebula in Orion" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
9. "S-25. Lagoon nebula in Sagittarius" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
10. "S-26. Dumbbell nebula in Vulpecula" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
11. "S-29. Trifid nebula in Sagittarius" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
12. "S-31. Comet Humason (1961e)" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
13. "S-32. The Horsehead nebula in Orion" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
14. "S-34. Peculiar galaxy in Ursa Major" (fot., 2 diapositive, color., 24x36 mm, [1970?-1979?])
15. "S-37. Planetary nebula in Aquarius" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
16. "S-38. Galaxy in Pegasus" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
17. "S-39. Planetary nebula in Aquila" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
18. "S-40. Planet Mars : the fourth planet from the Sun" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
19. "S-41. Planet Jupiter : the fifth planet from the Sun" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
20. "S-42. Planet Saturn : the sixth planet from the Sun" (fot., 1 diapositiva, color., 24x36 mm, [1970?-1979?])
21. "IC434. Horsehead nebula in Orion, south of Zeta Orionis, Barnard 33" (fot., 1 diapositiva, b/n, 24x36 mm, [1970?-1979?])