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MARATONUL MESSIER

FIȘĂ DE PARTICIPARE

Subsemnatul _____, domiciliat în
localitatea _____, adresa _____
_____, email _____,
telefon _____ am realizat **Maratonul Messier** în noaptea
de ___ / ___ martie / aprilie, din localitatea _____
_____, utilizând următoarele instrumente și echipamente

(se precizează dacă s-a utilizat instrument cu montură GO TO)

Pe parcursul nopții am observat un număr _____ de obiecte Messier,
conform anexei 1 atașată.

Alte mențiuni _____

Localitatea _____,

Semnătura,

Data _____

Anexa – Lista de obiecte

| Nr. ord. | M | NGC | Constelația | Mag. | Dim (") | Tipul | Dif. | Numele | Ora | Nr. |
|----------|-----|------|----------------|------|-----------|-------------------|------|--------------------|--------|-----|
| 1 | 77 | 1068 | Cetus | 10,5 | 7.0x6.0 | galaxie | D2 | | __h__m | |
| 2 | 74 | 628 | Pisces | 10,5 | 10.2x9.5 | galaxie | D2 | | __h__m | |
| 3 | 33 | 598 | Triangulum | 7,0 | 73.0x45.0 | galaxie | M2 | Pinwheel Galaxy | __h__m | |
| 4 | 31 | 224 | Andromeda | 4,5 | 178.0 | galaxie | E | Andromeda Galaxy | __h__m | |
| 5 | 32 | 221 | Andromeda | 10,0 | 8.0x6.0 | galaxie | E2 | Satellite of M31 | __h__m | |
| 6 | 110 | 205 | Andromeda | 10,0 | 17.0x10.0 | galaxie | D2 | Satellite of M31 | __h__m | |
| 7 | 52 | 7654 | Cassiopea | 8,0 | 13.0 | roi deschis | E | | __h__m | |
| 8 | 103 | 581 | Cassiopeia | 7,0 | 6.0 | roi deschis | E | | __h__m | |
| 9 | 76 | 650 | Perseus | 12,0 | 2.7x1.8 | neb. planetara | D2 | Little Dumbell | __h__m | |
| 10 | 34 | 1039 | Perseus | 6,0 | 35.0 | roi deschis | E | | __h__m | |
| 11 | 45 | 1432 | Taurus | 1,4 | 110.0 | roi deschis | E | Pleiades | __h__m | |
| 12 | 79 | 1904 | Lepus | 8,5 | 8.7 | roi globular | M2 | | __h__m | |
| 13 | 42 | 1976 | Orion | 5,0 | 85.0x60.0 | neb. difuza | E | Great Orion Nebula | __h__m | |
| 14 | 43 | 1982 | Orion | 7,0 | 20.0x15.0 | neb. difuza | E | de Mairan's Nebula | __h__m | |
| 15 | 78 | 2068 | Orion | 8,0 | 8.0x6.0 | neb. difuza | M | | __h__m | |
| 16 | 1 | 1952 | Taurus | 8,4 | 6.0x4.0 | rest de supernova | D | Crab Nebula | __h__m | |
| 17 | 35 | 2168 | Gemini | 5,5 | 28.0 | roi deschis | E | | __h__m | |
| 18 | 37 | 2099 | Auriga | 6,0 | 24.0 | roi deschis | E | | __h__m | |
| 19 | 36 | 1960 | Auriga | 6,5 | 12.0 | roi deschis | E | | __h__m | |
| 20 | 38 | 1922 | Auriga | 7,0 | 21.0 | roi deschis | E | | __h__m | |
| 21 | 41 | 2287 | Canis Major | 5,0 | 38.0 | roi deschis | E | | __h__m | |
| 22 | 93 | 2447 | Puppis | 6,5 | 22.0 | roi deschis | E | | __h__m | |
| 23 | 47 | 2422 | Puppis | 4,5 | 30.0 | roi deschis | E | | __h__m | |
| 24 | 46 | 2437 | Puppis | 6,5 | 27.0 | roi deschis | E | | __h__m | |
| 25 | 50 | 2323 | Monocerus | 7,0 | 16.0 | roi deschis | E | | __h__m | |
| 26 | 48 | 2548 | Hydra | 5,5 | 54.0 | roi deschis | E | | __h__m | |
| 27 | 44 | 2632 | Cancer | 4,0 | 95.0 | roi deschis | E | Beehive (Praesepe) | __h__m | |
| 28 | 67 | 2628 | Cancer | 7,5 | 30.0 | roi deschis | E | | __h__m | |
| 29 | 95 | 3351 | Leo | 9,7 | 7,3x4,4 | galaxie | M2 | | __h__m | |
| 30 | 96 | 3368 | Leo | 10,5 | 6.0x4.0 | galaxie | M2 | | __h__m | |
| 31 | 105 | 3379 | Leo | 11,0 | 2.0 | galaxie | M2 | | __h__m | |
| 32 | 65 | 3623 | Leo | 10,5 | 8.0x1.5 | galaxie | D | | __h__m | |
| 33 | 66 | 3627 | Leo | 10,0 | 8.0x2.5 | galaxie | D | | __h__m | |
| 34 | 81 | 3031 | Ursa Major | 8,5 | 21.0x10.0 | galaxie | M | Bode's Galaxy | __h__m | |
| 35 | 82 | 3034 | Ursa Major | 9,5 | 9.x4.0 | galaxie | M | Cigar Galaxy | __h__m | |
| 36 | 97 | 3587 | Ursa Major | 12,0 | 3.4x3.3 | neb. planetara | D | Owl Nebula | __h__m | |
| 37 | 108 | 3556 | Ursa Major | 11,0 | 8.0x1.0 | galaxie | M2 | | __h__m | |
| 38 | 109 | 3992 | Ursa Major | 11,0 | 7.0x4.0 | galaxie | M2 | | __h__m | |
| 39 | 40 | 7092 | Ursa Major | 9,0 | 0.8 | stea dubla | M | Winecke 4 | __h__m | |
| 40 | 106 | 4258 | Ursa Major | 9,5 | 19.0x8.0 | galaxie | D | | __h__m | |
| 41 | 94 | 4736 | Canes Venatici | 9,5 | 7.0x3.0 | galaxie | M | | __h__m | |
| 42 | 63 | 5055 | Canes Venatici | 8,5 | 10.0x6.0 | galaxie | M | Sunflower Galaxy | __h__m | |
| 43 | 51 | 5194 | Ursa Major | 8,0 | 11.0x7.0 | galaxie | D | Whirlpool Galaxy | __h__m | |

| | | | | | | | | | | |
|----|-----|------|----------------|------|-----------|----------------|----|-----------------------|--------|--|
| 44 | 101 | 5457 | Ursa Major | 8,5 | 22.0 | galaxie | D | Pinwheel Galaxy | __h__m | |
| 45 | 102 | 5866 | Draco | 10,5 | 5.2x2.3 | galaxie | D2 | Spindle Galaxy | __h__m | |
| 46 | 53 | 5024 | Coma Berenices | 8,5 | 12.6 | roi globular | M | | __h__m | |
| 47 | 64 | 4826 | Coma Berenices | 9,0 | 9.3x5.4 | galaxie | M | Blackeye Galaxy | __h__m | |
| 48 | 3 | 5272 | Canes Venatici | 6,4 | 16.2 | roi globular | E | | __h__m | |
| 49 | 98 | 4192 | Coma Berenices | 11,0 | 9.5x3.2 | galaxie | D2 | | __h__m | |
| 50 | 99 | 4254 | Coma Berenices | 10,5 | 5.4x4.8 | galaxie | M2 | | __h__m | |
| 51 | 100 | 4321 | Coma Berenices | 10,5 | 7.0x6.0 | galaxie | D | | __h__m | |
| 52 | 85 | 4382 | Coma Berenices | 10,5 | 7.1x5.2 | galaxie | M2 | | __h__m | |
| 53 | 84 | 4374 | Virgo | 11,0 | 5.0 | galaxie | M2 | | __h__m | |
| 54 | 86 | 4406 | Virgo | 11,0 | 7.5x5.5 | galaxie | M2 | | __h__m | |
| 55 | 87 | 4486 | Virgo | 11,0 | 7.0 | galaxie | D2 | Virgo A | __h__m | |
| 56 | 89 | 4552 | Virgo | 11,5 | 4.0 | galaxie | M2 | | __h__m | |
| 57 | 90 | 4569 | Virgo | 11,0 | 9.5x4.5 | galaxie | M2 | | __h__m | |
| 58 | 88 | 4501 | Coma Berenices | 11,0 | 7.0x4.0 | galaxie | M2 | | __h__m | |
| 59 | 91 | 4548 | Coma Berenices | 11,5 | 5.4x4.4 | galaxie | D2 | | __h__m | |
| 60 | 58 | 4579 | Virgo | 11,0 | 5.5x4.5 | galaxie | M2 | | __h__m | |
| 61 | 59 | 4621 | Virgo | 11,5 | 5.0x3.5 | galaxie | M2 | | __h__m | |
| 62 | 60 | 4649 | Virgo | 10,5 | 7.0x6.0 | galaxie | E2 | | __h__m | |
| 63 | 49 | 4472 | Virgo | 10,0 | 9.0x7.5 | galaxie | M2 | | __h__m | |
| 64 | 61 | 4303 | Virgo | 10,5 | 6.0x5.5 | galaxie | E2 | | __h__m | |
| 65 | 104 | 4594 | Virgo | 9,5 | 9.0x4.0 | galaxie | D | Sombrero Galaxy | __h__m | |
| 66 | 68 | 4590 | Hydra | 9,0 | 12.0 | roi globular | D | | __h__m | |
| 67 | 83 | 5236 | Hydra | 8,5 | 11.0x10.0 | galaxie | M | Small Pinwheel Galaxy | __h__m | |
| 68 | 5 | 5904 | Serpens Caput | 5,8 | 17.4 | roi globular | E | | __h__m | |
| 69 | 13 | 6205 | Hercules | 5,9 | 16.6 | roi globular | E | | __h__m | |
| 70 | 92 | 6341 | Hercules | 7,5 | 11.2 | roi globular | E | | __h__m | |
| 71 | 57 | 6720 | Lyra | 9,5 | 1.4x1.0 | neb. planetara | D2 | Ring Nebula | __h__m | |
| 72 | 56 | 6779 | Lyra | 9,5 | 7.1 | roi globular | D | | __h__m | |
| 73 | 29 | 6913 | Cygnus | 9,0 | 7.0 | roi deschis | E | | __h__m | |
| 74 | 39 | 7092 | Cygnus | 5,5 | 32.0 | roi deschis | E | | __h__m | |
| 75 | 27 | 6853 | Vulpecula | 7,5 | 8.0x5.6 | neb. planetara | E | Dumbbell Nebula | __h__m | |
| 76 | 71 | 6838 | Sagitta | 8,5 | 7.2 | roi globular | D | | __h__m | |
| 77 | 107 | 6171 | Ophiucus | 10,0 | 10.0 | roi globular | M2 | | __h__m | |
| 78 | 12 | 6218 | Ophiucus | 6,6 | 14.5 | roi globular | E | | __h__m | |
| 79 | 10 | 6254 | Ophiucus | 6,6 | 15.1 | roi globular | E | | __h__m | |
| 80 | 14 | 6402 | Ophiucus | 7,6 | 11.7 | roi globular | M | | __h__m | |
| 81 | 9 | 6333 | Ophiucus | 7,9 | 9.3 | roi globular | M2 | | __h__m | |
| 82 | 4 | 6121 | Scorpio | 5,9 | 26.3 | roi globular | E | | __h__m | |
| 83 | 80 | 6093 | Scorpius | 8,5 | 8.9 | roi globular | M | | __h__m | |
| 84 | 19 | 6273 | Ophiucus | 8,5 | 13.5 | roi globular | M | | __h__m | |
| 85 | 62 | 6266 | Ophiucus | 8,0 | 14.1 | roi globular | M | | __h__m | |
| 86 | 6 | 6405 | Scorpius | 4,2 | 15.0 | roi deschis | E | Butterfly Cluster | __h__m | |

| | | | | | | | | | | |
|-----|----|--------|-----------------|------|-----------|--------------|----|----------------------|--------|--|
| 87 | 7 | 6475 | Scorpius | 3,3 | 80.0 | roi deschis | E | Ptolemy's Cluster | __h__m | |
| 88 | 11 | 6705 | Scutum | 5,8 | 14.0 | roi deschis | E | Wild Duck Cluster | __h__m | |
| 89 | 26 | 6694 | Scutum | 9,5 | 15.0 | roi deschis | D | | __h__m | |
| 90 | 16 | 6611 | Serpens Claudia | 6,5 | 7.0 | roi deschis | E | Eagle Nebula Cluster | __h__m | |
| 91 | 17 | 6618 | Sagittarius | 7,0 | 11.0 | neb. difuza | E | Omega Nebula | __h__m | |
| 92 | 18 | 6613 | Sagittarius | 8,0 | 9.0 | roi deschis | E | | __h__m | |
| 93 | 24 | 6603 | Sagittarius | 11,5 | 5.0 | nor de stele | E | Milky Way Patch | __h__m | |
| 94 | 25 | IC4725 | Sagittarius | 4,9 | 40.0 | roi deschis | E | | __h__m | |
| 95 | 23 | 6494 | Sagittarius | 6,0 | 27.0 | roi deschis | E | | __h__m | |
| 96 | 21 | 6531 | Sagittarius | 7,0 | 13.0 | roi deschis | M | | __h__m | |
| 97 | 20 | 6514 | Sagittarius | 5,0 | 28.0 | neb. difuza | D2 | Trifid Nebula | __h__m | |
| 98 | 8 | 6523 | Sagittarius | 5,0 | 35.0x50.0 | neb. difuza | E | Lagoon Nebula | __h__m | |
| 99 | 28 | 6626 | Sagittarius | 8,5 | 11.2 | roi globular | M | | __h__m | |
| 100 | 22 | 6656 | Sagittarius | 6,5 | 24.0 | roi globular | E | | __h__m | |
| 101 | 69 | 6637 | Sagittarius | 9,0 | 7.1 | roi globular | M2 | | __h__m | |
| 102 | 70 | 6681 | Sagittarius | 9,0 | 7.8 | roi globular | M2 | | __h__m | |
| 103 | 54 | 6715 | Sagittarius | 8,5 | 9.1 | roi globular | D | | __h__m | |
| 104 | 55 | 6809 | Sagittarius | 7,0 | 19.0 | roi globular | E | | __h__m | |
| 105 | 75 | 6864 | Sagittarius | 9,5 | 6.0 | roi globular | D | | __h__m | |
| 106 | 15 | 7078 | Pegasus | 6,4 | 12.3 | roi globular | E | | __h__m | |
| 107 | 2 | 7089 | Aquarius | 6,5 | 12.9 | roi globular | E | | __h__m | |
| 108 | 72 | 6981 | Aquarius | 10,0 | 5.9 | roi globular | M2 | | __h__m | |
| 109 | 73 | 6994 | Aquarius | 9,0 | 2.8 | asterism | D2 | | __h__m | |
| 110 | 30 | 7099 | Capricornus | 8,5 | 11.0 | roi globular | M | | __h__m | |

Semnătura,
