

The Bulgarian Academy of Sciences (BAS) Institute for Space Studies
Sofia BAS Congres,

Unidentified Aerospace Phenomena. Extraterrestrial civilizations - for and against

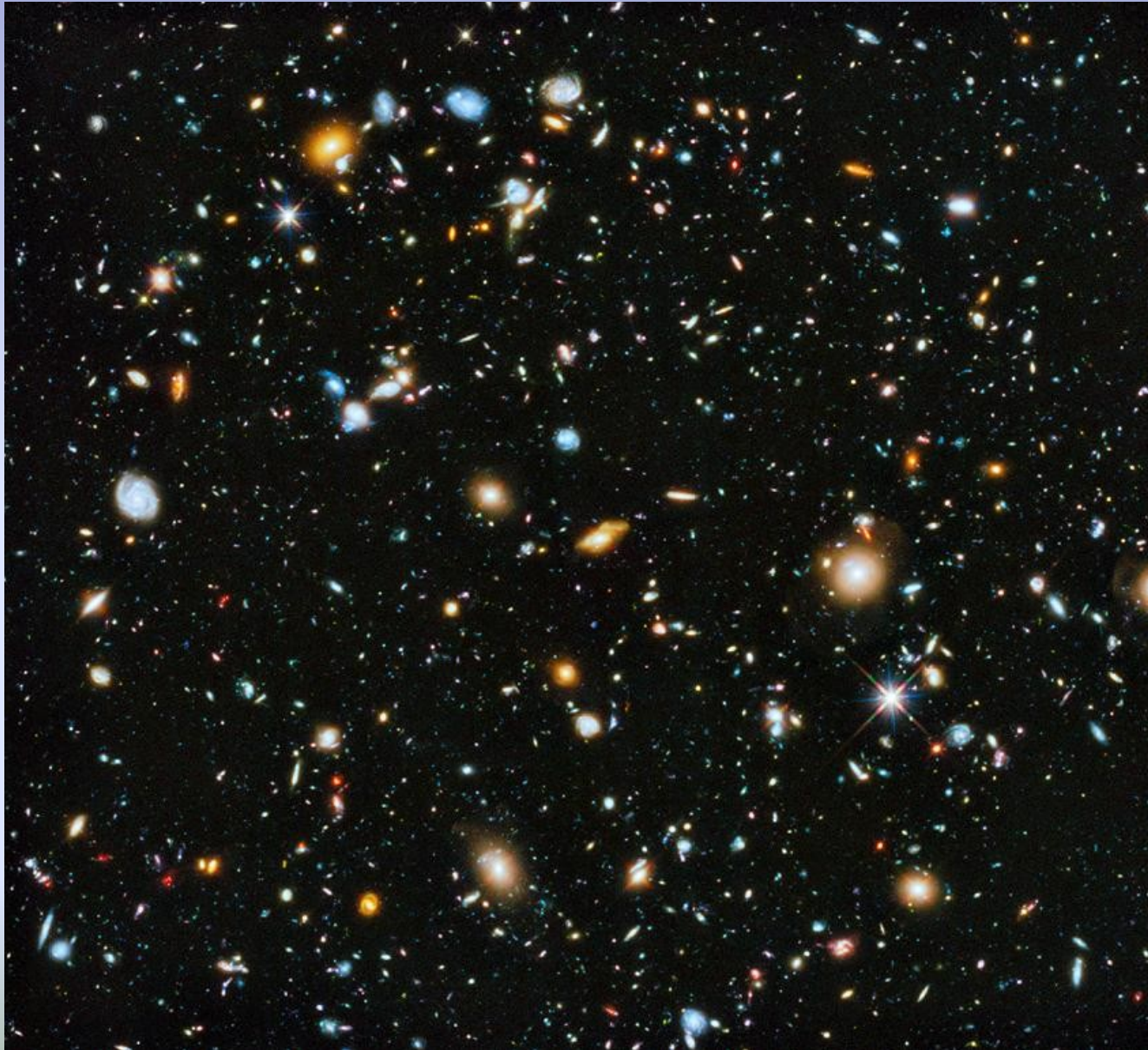


UFO: towards to the Paradigm Shift

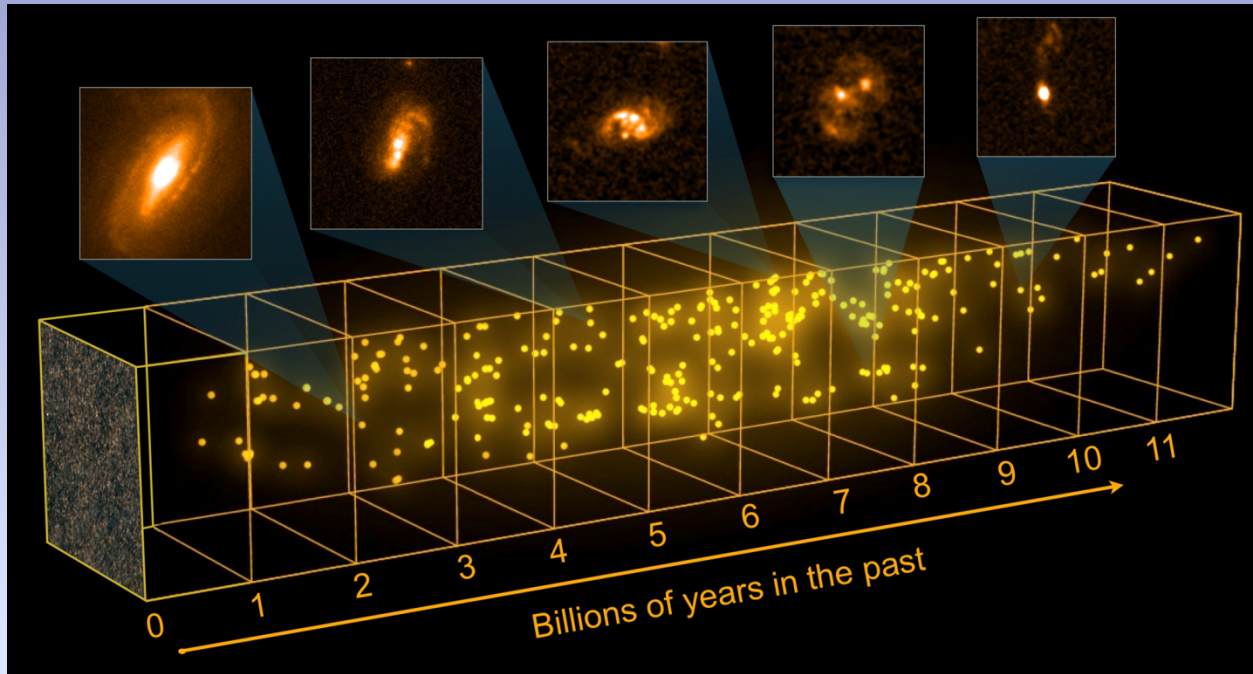


A cura di Vladimiro Bibolotti

Are We Alone in the Universe?



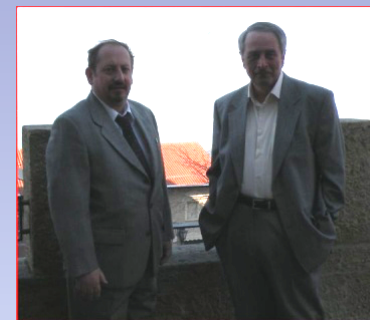
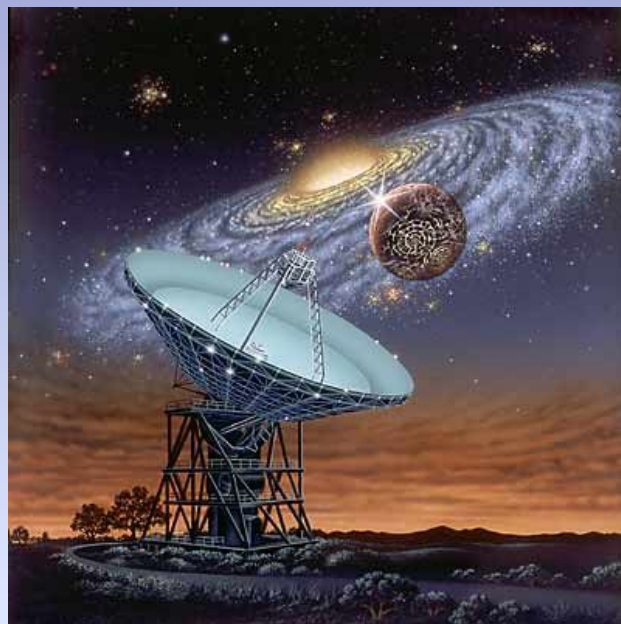
13,7 Billion years the age of the universe



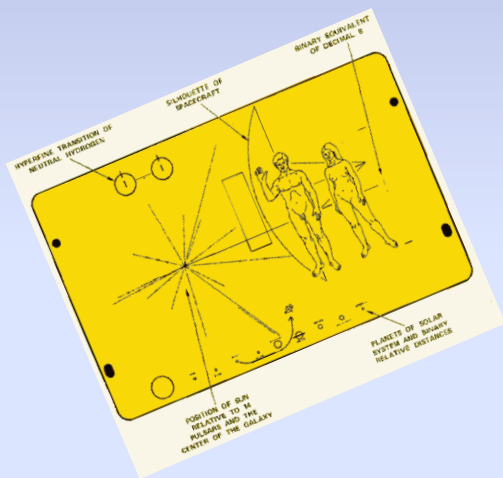
The location of our civilization
(planet Earth 4,5 bilions and 10.000
years of technological evolution and
only 60 years of space exploration)

Possibility of existence of other
civilization with milions or bilions of
years of advances technology than our

Seti And Meti



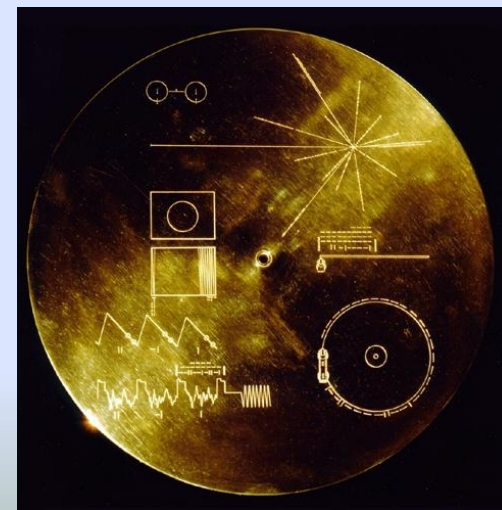
Bibolotti e il Prof. Zaitsev



DRAKE EQUATION

$$N = R \times f_s \times f_p \times n_c \times f_l \times f_i \times f_c \times L$$

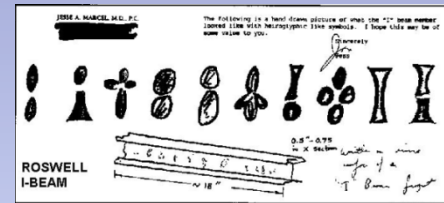
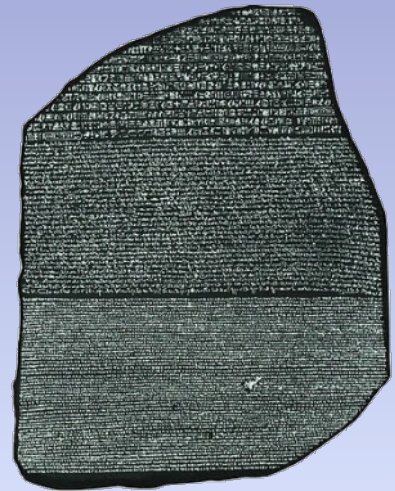
- R average rate of star formation
- f_s fraction of good stars that have planetary systems
- n_c number of planets around these stars within an "ecoshell"
- f_l fraction of those planets where life develops
- f_i fraction of living species that develop intelligence
- f_c fraction of intelligent species with communications technology
- L lifetime of the "communicative phase"



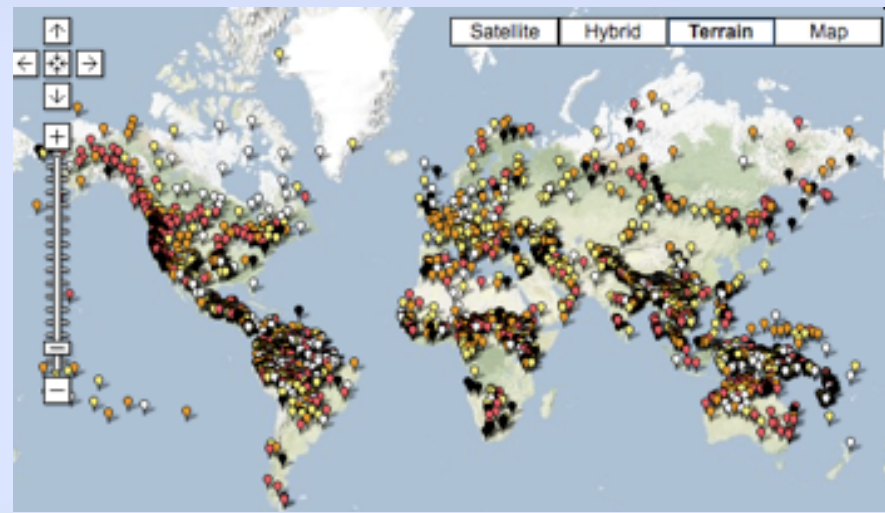
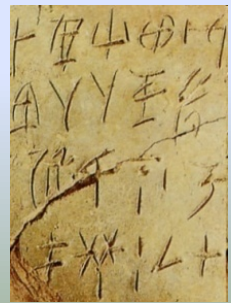
Understand any messages extraterrestrials, how?

The case of terrestrial languages disappeared or disappearing.

The first writing yet to decipher is the Etruscan. The same applies to the Meroitic alphabet used in North Africa in the kingdom of Kush civilization that flourished around 800 BC between southern Egypt and Sudan. Among the scriptures yet to be deciphered there are three of the pre-Columbian civilizations: The Olmec, the Zapotec and the epi-Olmec. Returning to Europe, it remains to decipher the writing "Linear A". Instead of writing a completely incomprehensible and the Indus, used by civilizations that lived in the Indus Valley between 2500 and 1900 BC The same goes for writing Rongorongo, used by the first inhabitants of Easter Island in 300 AD Have come down to us only 25 entries, on pieces of wood. It remains to understand, then, the proto-Elamite writing and the one on Phaistos Disc. The inscriptions engraved with stencils on the Phaistos Disc are among the most complex mysteries of? Human history.



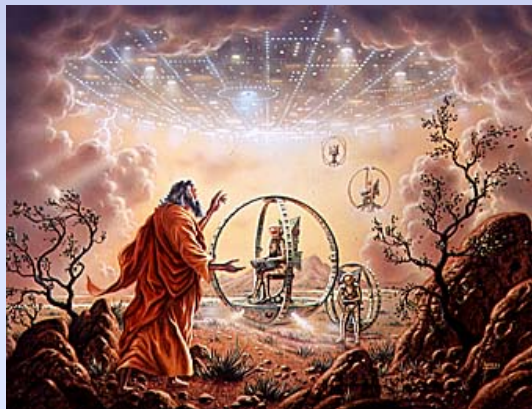
But in case of alien contact or receiving messages, you will never decipher or understand its meaning?



L'UNESCO (United Nations Educational, Scientific and Cultural Organization) ha diffuso la mappa interattiva delle lingue in via d'estinzione, in cui sono evidenziate 2500 lingue in pericolo, su un totale di 6000. UNESCO (United Nations Educational, Scientific and Cultural Organization) released the interactive map of endangered languages, which are highlighted in 2500 endangered languages, out of a total of 6000.

Something is here!

strange lights and objects in sky
the dawn of time carved
on rock walls



strange lights and objects in the sky the dawn of time



- 8.500 e 3.000 a. C. Deserto del Tassili, incisioni rupestri nel con animali, umanoidi e oggetti che sembrano ufo.

- 2000 a. C. Testi sanscriti dell'antica India ricchi di descrizioni minuziose di battaglie aeree, molto coerenti con le attuali dottrine di volo, come nel Mahabharatha, Samarangana Sutradhara, Rig Veda, Purana, Bhagaravata e nei Vimanika Shastra.

- La bibbia nei racconti del carro di Ezechiele e la salita in cielo di Elia.

-332 a. C. Durante l'assedio della città di Tiro da parte di Alessandro Magno, una formazione di scudi volanti sorvola la città apparendo ad entrambi gli opposti schieramenti. Lo scudo più grande in testa emanò strani raggi contro le torri dissolvendole.

- Nel 329 a.C. l'esercito di Alessandro Magno fu "attaccato" da due scudi argentati volanti, che sorprese l'esercito greco mentre attraversava il fiume Jaxartes, in India

- 2 agosto 216 a. C. nei pressi di Canne furono visti nella notte scudi che volavano così in basso che si potevano distinguere uomini vestiti di bianco come i sacerdoti attorno ad un ara.

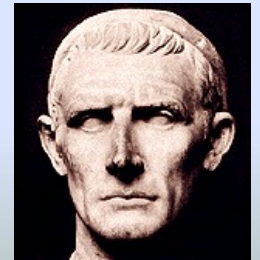
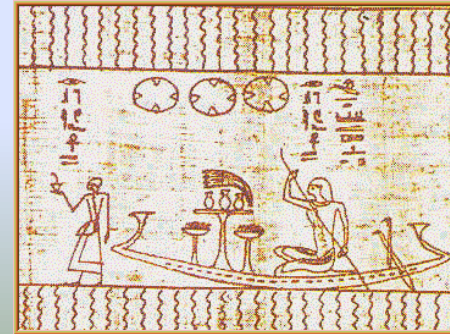
-Cicerone parla di globi nel cielo nel suo "De Divinatione", nel Capitolo 43, parla di quando «...il sole splendette nella notte, con grandi rumori nel cielo e il cielo sembrava esplodere e stupefacenti sfere vi apparvero...».

- Lo storico latino Tito Livio, nella sua "Storia di Roma", riporta le testimonianze di oggetti a forma di scudi circolari che volavano nel cielo e che erano stati visti sopra molte città dell'Impero; aggiunge anche che il secondo re di Roma, Numa Pompilio, fu testimone personale della caduta dal cielo di uno di questi "scudi volanti" e che lo avesse annoverato tra gli oggetti di culto delle pratiche religiose che stava promuovendo.

- Carcopino narra che nel mese di luglio successivo all'assassinio di Cesare per sette giorni consecutivi prima del tramonto si vedeva su Roma un disco luminoso che procedeva verso Nord.

- Lo scienziato romano Plinio il Vecchio, nelle "Historiae Naturales", nei capitoli 25 e 36, racconta di "Clipeus Ardens" visti sfrecciare nel cielo dell'antica Roma uguali a quelle che comparivano nell'antica Grecia Più precisamente egli classifica gli oggetti in fiaccole, lampade e bolidi volanti, nonché le travi volanti.

- Giulio Ossequente parla di avvistamenti (diurni e notturni) riguardanti "Scudi di fuoco", "torce", "più soli", più lune", "ruote luminose" ecc., apparsi su Roma e su altri luoghi. Dal "De Prodigiiis", il disegno di due Soli che apparvero su Alba nel 204 a. C..



Tito Livio

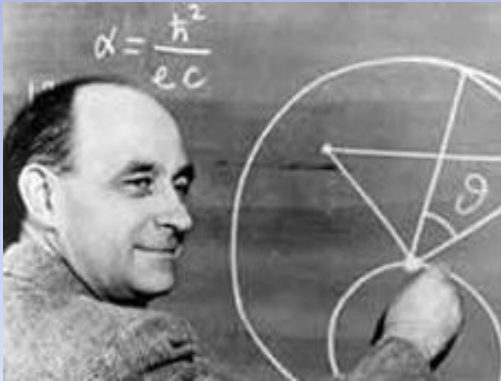
But an important question remains.
What was flying over the skies of Ancient Rome 2,000 years ago?
The New Cartago Secret Weapons?



But what these are?



Fermi Paradox: Where are they?



“If it seems so likely the universe may host other life forms, how come we haven’t see any signs?”



Fermi Paradox

Exploration Strategy—Von Neumann Probes
Velocity of exploration is about $c/40$

$$\text{time} = \frac{d}{v_{eff}} = \frac{100,000 \text{ lt yrs}}{(c/40)} = 4 \cdot 10^6 \text{ yrs}$$

1. No other intelligent civilizations (too few habitable planets, life or intelligence difficult to evolve, L too short)
2. Physical or engineering difficulties with Von Neumann strategy
3. Sociological factors (machine takeover, contemplation, economics, zoo)
4. Time estimate of Von Neumann strategy could be wrong: Random propagation (drunkard’s walk) with the mean distance between stars $\ell \simeq 4 \text{ lt yrs}$.

$$\text{time} = \frac{d}{v_{eff}} \times \frac{3d}{\ell} = \frac{100,000}{(c/40)} \times \frac{300,000}{4} = 3 \cdot 10^{11} \text{ yrs}$$

5. Unaware of presence or of prior visits

Some hypothesis about U.F.O.



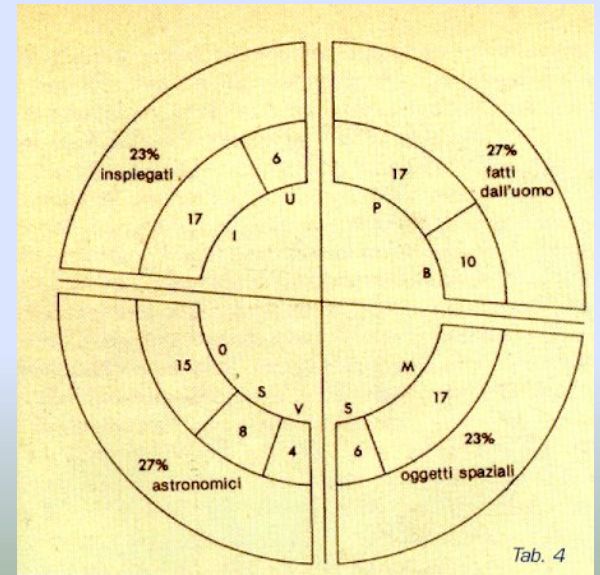
1) Secret Weapons?



2) Natural Phenomena? Weather Ballons?

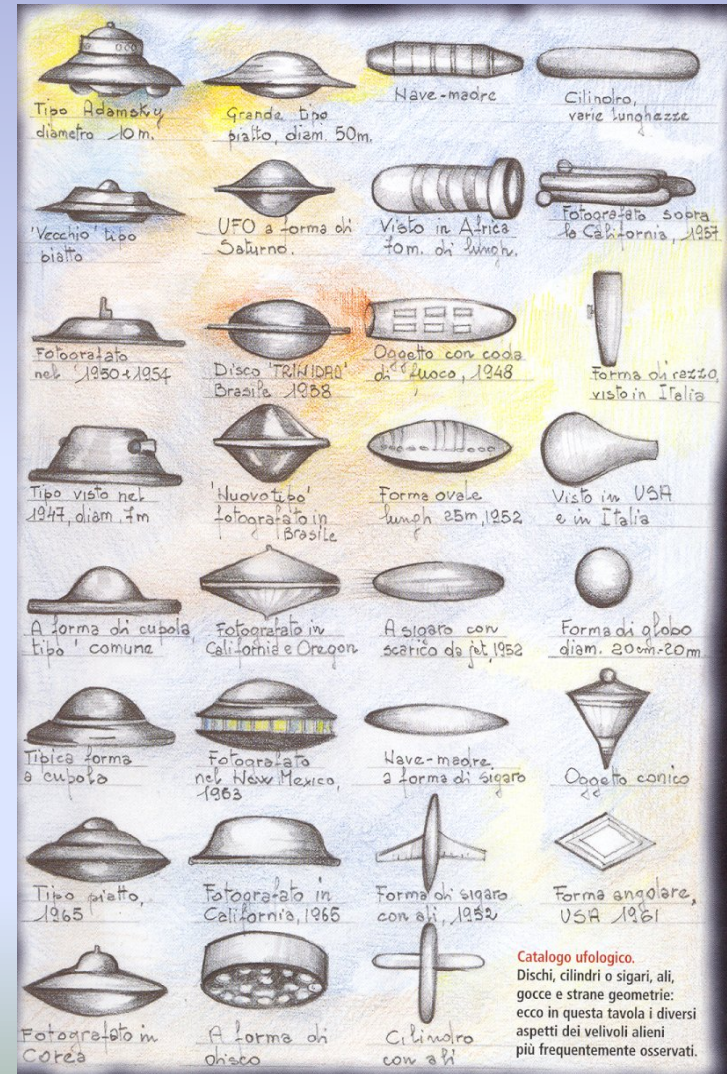
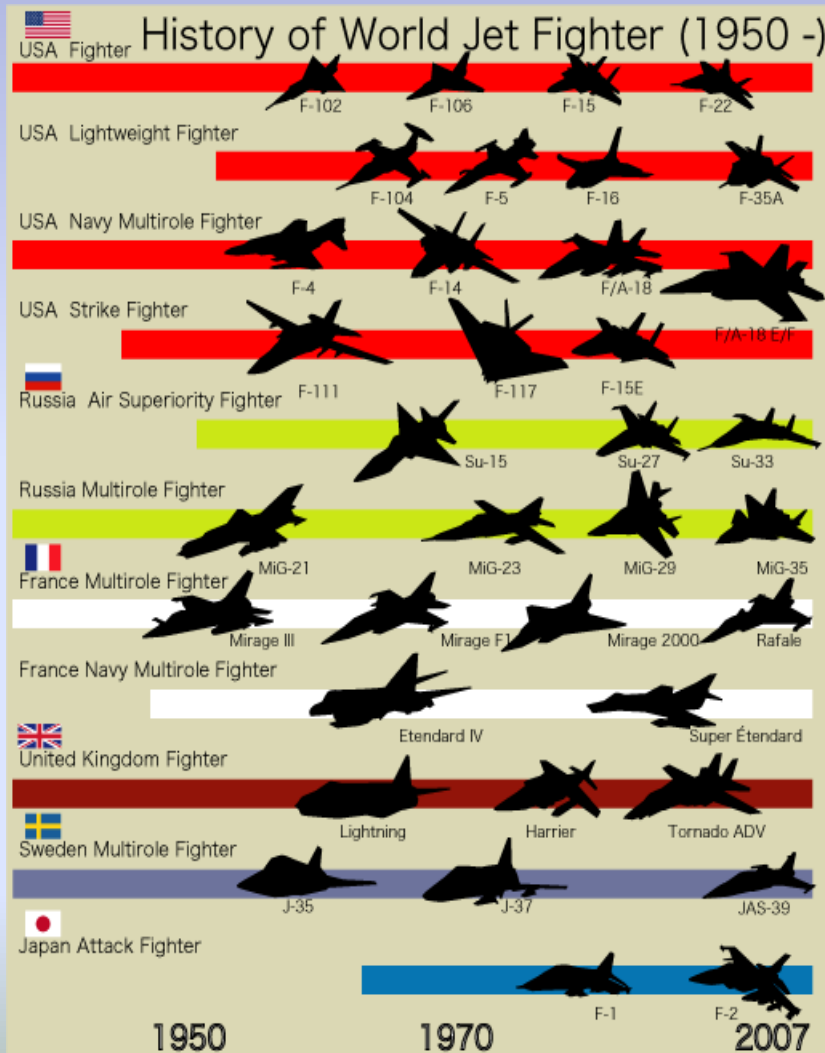


3) ETH: Extra Terrestrial Hypotesis?

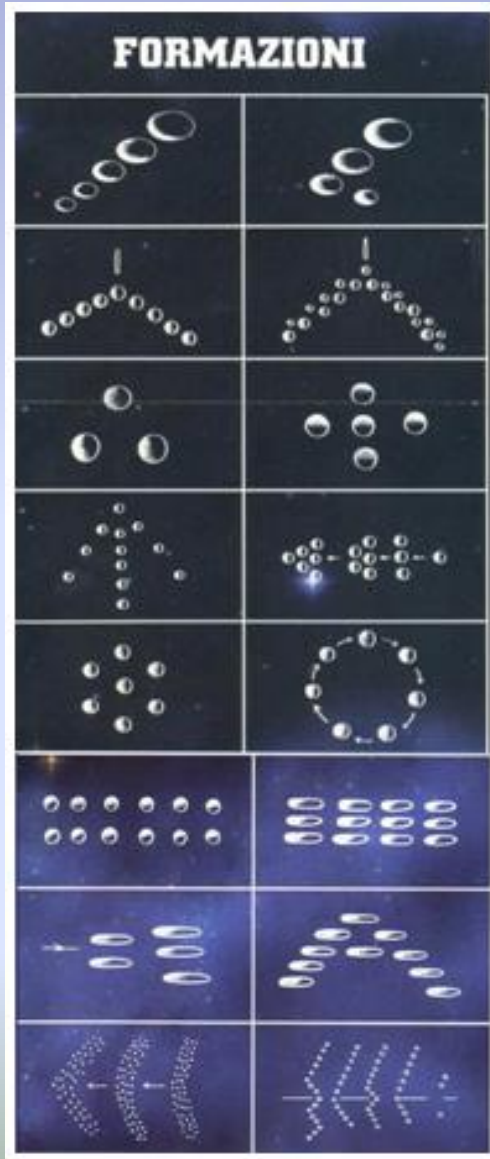


Tab. 4

Comparison



The behavioral phenomenon

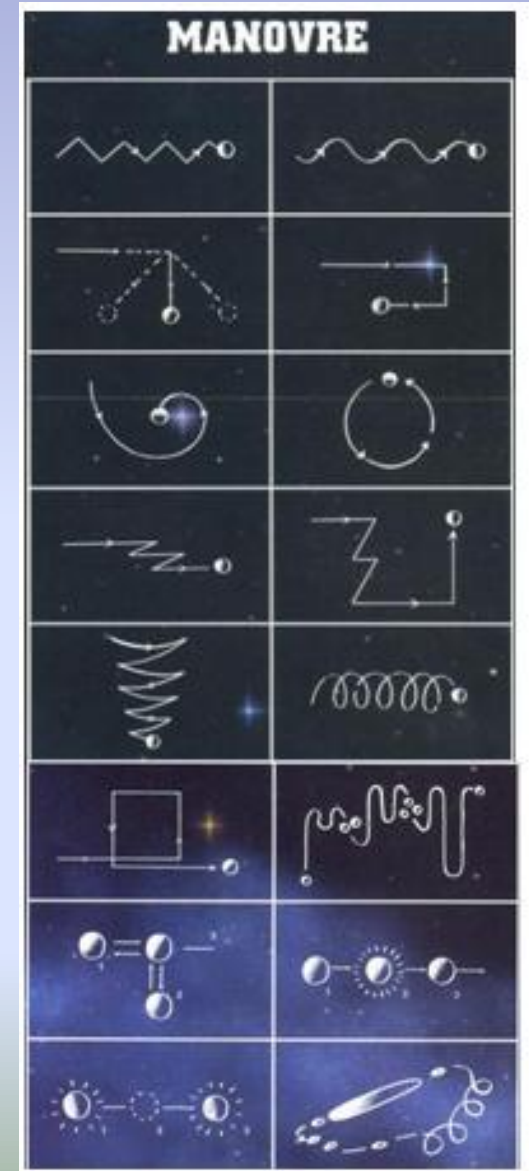


Discarding the idea that a great land power has made this secret weapon remained so for over 60 years and almost never used in that theater of military conflict which would have revealed the air superiority

n Most cases UFO, some accurate and consistent manner seem to indicate that you are in front of events controlled by conscious intelligences.

Too many times UFOs chased surface vessels and aircraft disengaging then to an attempt to intercept.

Of various shapes and sizes, isolated or in groups, the ability to move on a straight and acceleration prohibitive and sometimes in defiance of the laws of aerodynamics, interfering on electrical equipment perhaps because of the side effects of their own motive power, these devices, the spherical, ovoid, bell-, disc-shaped, cylindrical were spotted by qualified engineers, scientists, astronauts, detected by radar, photographed and filmed



U.F.O. Unidentified Flying Object :



THE UFO PATTERN A Condensed Statement of Repeated Observations

CONFIGURATIONS OF HIGHLY REPEATING SHAPES

● SAUCER



Domed Saucer
(most common)



Lenticular Saucer
or Disk



Lenticular Saucer
with Dome

● FLAT-TOPPED STRAW HAT



● DOUBLE HAT



● CONICAL HAT (giant)



● SPHERE



● SATURN



● ELLIPSOIDAL (egg or football)



Hovering



Underway

● CYLINDRICAL (giant cigar)



Sec. a-a

● DIRIGIBLE (large)



Sec. b-b

● TRIANGLE OR BOOMERANG



Delta

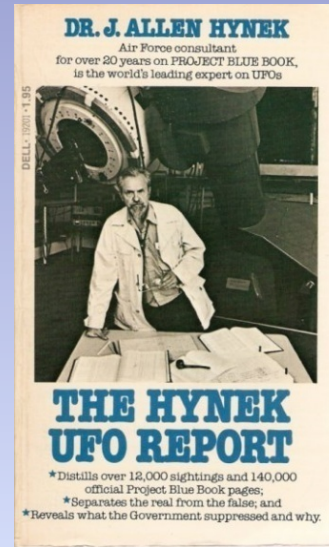
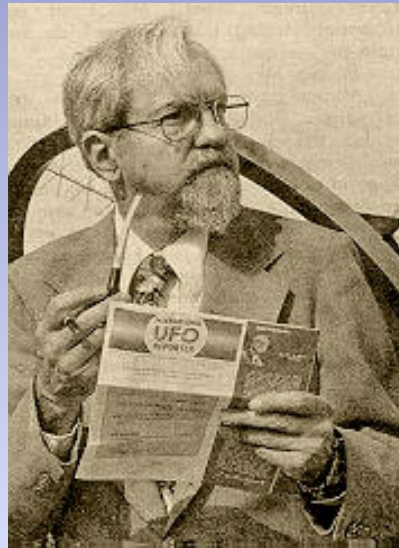


Equilateral



NOTE: (1) Shine marks show typical night time air glow. (2) Dash-dot vertical centerline is saucer axis of symmetry. (3) Giant cigars have plumes also.

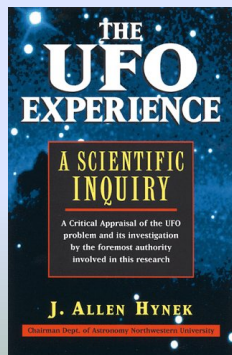
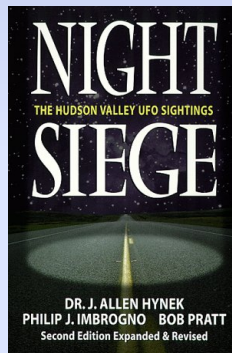
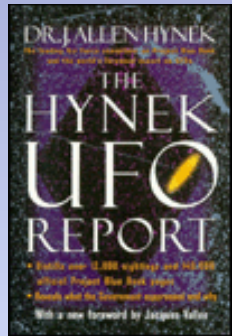
The Birth of Ufology: J. Allen Hynek UFO Report



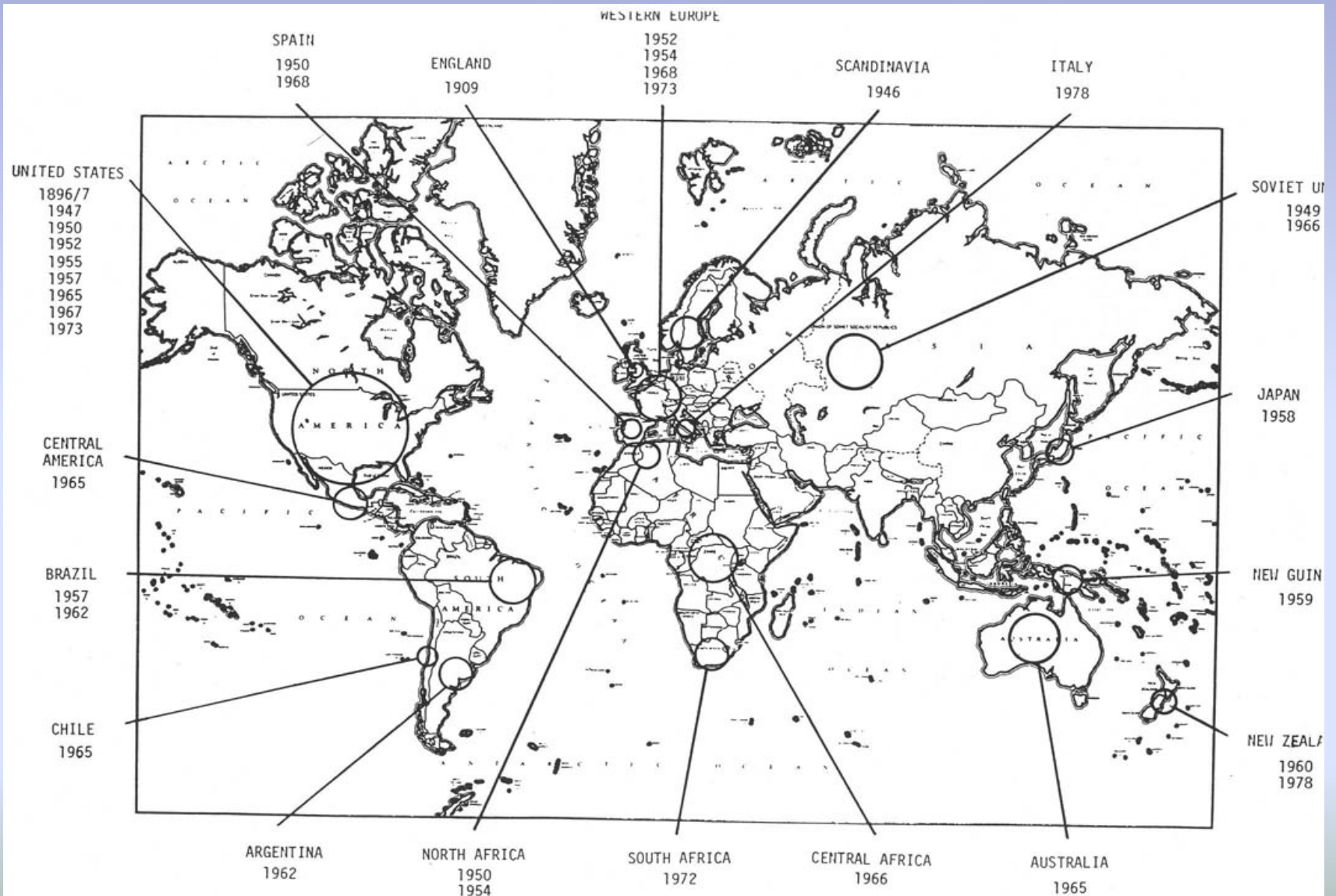
Joseph Allen Hynek Astrophysics, for over twenty years consultant of Project Blue Book USAF UFO and "Professor Emeritus" of the Faculty of Astronomy at Northwestern University,

<< Initially I was skeptical completion. I enjoyed very much to demonstrate the inconsistency of those who seemed too absurd. I was the bitter enemy of those groups of "fans of flying saucers", wishing with all my heart that UFOs were extraterrestrial in origin. My knowledge of these groups was almost entirely based on what I had told the staff of the project Blue Book: namely, that they were all "lunatics and visionaries." Oppose such a position would have had no use; It would be a clear case of "combat system".

My transformation was gradual, but in the late 60's was full. Today not devote a minute more to the issue of UFOs, if I were not convinced that the problem is real and that efforts to investigate it, understand it and finally solve it could have far-reaching consequences, even represent the beginning of a revolution in vision the man has of himself and of his place in the universe >>



"The UFO flap Map" (1896 -1980)

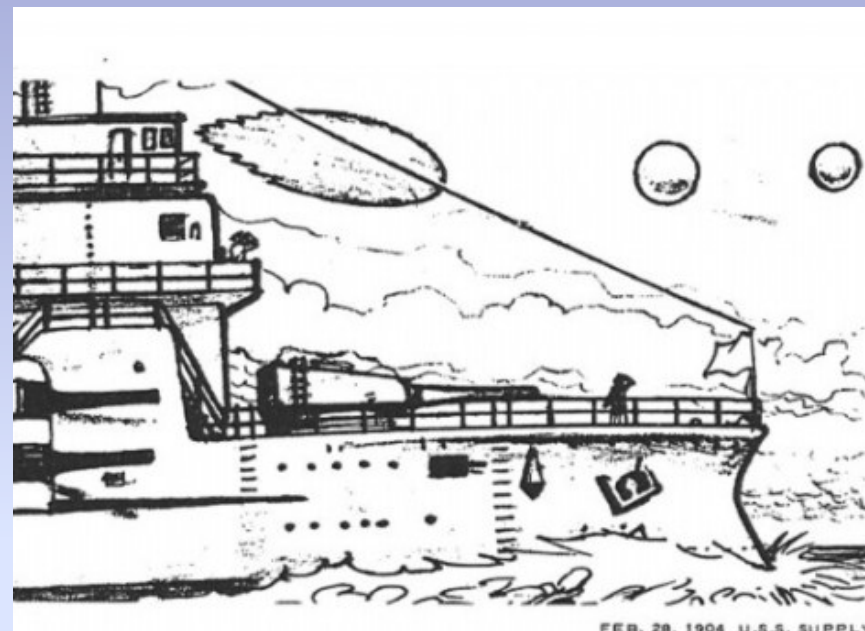


US Navy 1904: the case of the USS Supply Sighting of strange meteors in training

The sighting was reported on the issue 4, volume 32, of March of 1904 of the twentieth century 'Monthly Weather Review' (MWR), a magazine devoted to weather and climate.

The article, which appears on page 115 and bearing the signature of the US Navy Lieutenant Frank H. Schofield, describes a sighting of a strange aerial phenomenon involving three members of the crew of the USS Supply on February 28, 1904 (latitude 36 ° 20' north, longitude 127 ° 36' west) off San Francisco the North Pacific Ocean.

At 06:10 am (local time) and for about 2 minutes, they were sighted three "extraordinary meteors" flying in "training checkerboard" and that appeared near the horizon below the clouds, moving in the direction of the ship.



The article in question from 'Monthly Weather Review' of March 1904 (source: American Meteorological Society)

While they were on approach, these flying objects began to soar, soar above a layer of clouds and disappear from view, still preceding checkerboard.

The main object had the shape of an egg and the dimensions were measured as those of the "six Suns" (about 3 degrees of arc). The other two items were smaller and appeared to be perfectly round.

They were really meteors? Or were UFOs (Unidentified Flying Objects)? From what we can tell, the meteors do not travel in training "checkerboard", do not rise up and do not change course, or remain visible for about two minutes.

March, 1904. MONTHLY WEATHER REVIEW. 115

today a flock of fish ducks sat on the ice over what was an absolute dry lake bed, and consequently covered with thick, transparent ice. Whether they saw minnows and perch swimming underneath I don't know, but they were motionless for an hour or more. Sailors say the lake is frozen across to Michigan, but that idea is nonsense and is exploded by the fact that my "pillar of cloud" is over the eastern bottom just the same, which it would not be but for open water.

REMARKABLE METEORS.
By Lieut. Frank H. Schofield, U. S. Navy.

The following report, so kindly communicated by the editor of the Pilot Chart, is dated U. S. S. Supply, at sea, latitude 36° 20' north; longitude 127° 36' west, February 28, 1904:

1. I have the honor to report that three somewhat remarkable meteors were observed from this ship at 6:10 a. m., (civilian time) from 3 hours 15 minutes; February 28, 1904, in latitude 36° 20' north, longitude 127° 36' west.

2. The meteors appeared near the horizon and below the clouds, trailing in a group from northeast by north three directly toward the ship. At first their angular motion was rapid and odor a rather bright red. As they approached the ship they seemed to soar, passing above the clouds at an elevation of about 45°. After going above the clouds their angular motion became slow and less until it ceased, when they appeared to be moving directly away from the earth at an elevation of about 75° and in direction west-northwest (true). It was noted that the color became less pronounced as the meteors gained in angular elevation.

3. When sighted, the largest meteor was in the lead, followed by the second in size at a distance of less than twice the diameter of the larger, and then by the third in size at a similar distance from the second in size. They appeared to be traveling in echelon, and so continued as long as in sight.

4. The largest meteor had an apparent area of about six arcs. It was egg-shaped, the sharper end forward. This end was jagged in outline. The after end was regular and fell in outline.

5. The second and third meteors were round and showed no imperfections in shape. The second meteor was estimated to be twice the size of the first in appearance, and the third about the size of the second.

6. When the meteors rose there was no change in relative positions; nor was there at any time any evidence of rotation or tumbling of the larger meteor.

7. I estimated the clouds to be not over one mile high.

8. The next approach of these meteors to the surface and the subsequent flight away from the surface appear to be most remarkable, especially as their actual size could not have been great. That they did come below the clouds and near instead of continuing their southwesterly course is also equally certain, as the angular motion ceased and the color faded as they rose. The clouds in passing between the meteors and the ship completely obscured the first one. They may well be seen in the intervals between the clouds.

9. The meteors were in sight over two minutes and were carefully observed by three people, whose accounts agree as to details. The officer of the deck, acting commanding officer, U. S. S. Supply, saw the meteors and watched them until they disappeared. He sent a messenger to the bridge to inform him of their disappearance. When I arrived on the bridge the meteors had been observed for about one-half of a minute.

PRECIPITATION FOR TWENTY-NINE YEARS AT DODGE CITY, KANS.
By E. P. Keenan, 1884-1912 at Chicago.

In studying the adaptability of a climate to the requirements of any particular crop, only the data for the germinating and growing season should be considered. It is not an uncommon mistake to base conclusions upon figures showing the total precipitation and mean temperature of the entire year, whereas, the applicable data probably covers a period of not over six months. For facilities in this work, figures for each month and each quarter of the calendar year have been compiled.

Amounts of moisture that would not be sufficient to be of great practical value in the hot months are frequently of very great importance when received by the soil at a more favorable season. Heavy snow slowly melting, or a general soaking rain at a time of comparatively inactive evaporation, is more beneficial by far than the heavy downpours so common to the summer months. In this connection it is interesting to note that the large wheat yields of 1892 and 1903, in Ford County, were produced under conditions of deficient rainfall, not only for the year, but for the crop season as well. In both in-

stances the soil was blessed with an unusually abundant supply of moisture early in the season, and was subsequently benefited by timely rainfall.

After a careful investigation of the records of this station, published herewith, and of the records of the western third of the State for sixteen years, we feel justified in making the statement that there is no foundation in fact for the assertion that the rainfall in western Kansas is increasing from year to year.

Precipitation, Dodge City, Kans.

Year.	First quarter.		Second quarter.		Third quarter.		Fourth quarter.		Annually.
	Inch.	Fath.	Inch.	Fath.	Inch.	Fath.	Inch.	Fath.	
1874	4.64	0.39	5.72	0.48	6.31	0.52	6.00	0.50	22.67
1875	4.84	0.40	5.74	0.48	6.28	0.52	5.89	0.49	22.75
1876	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1877	4.77	0.39	5.81	0.48	6.18	0.51	6.15	0.51	22.91
1878	4.72	0.39	5.81	0.48	6.18	0.51	6.15	0.51	22.91
1879	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1880	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1881	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1882	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1883	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1884	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1885	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1886	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1887	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1888	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1889	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1890	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1891	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1892	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1893	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1894	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1895	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1896	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1897	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1898	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1899	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1900	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1901	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1902	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1903	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
1904	4.73	0.39	5.82	0.48	6.39	0.53	6.10	0.51	23.04
Average	5.07	0.41	5.88	0.48	6.16	0.51	6.26	0.52	22.37
Rainy days	31	25	29	14	13				
Temperature	58	64	74	67	64				

A rainy day is one with 0.01 of an inch or more of precipitation.

Total amount in the wettest year, 33.25 inches in 1881.
Total amount in the driest year, 10.12 inches in 1893.
Total in the wettest first quarter year, 13.57 inches in 1891.
Total amount in the driest first quarter, 0.94 inch in 1880.
Total in the wettest second quarter year, 16.97 inches in 1881.
Total in the driest second quarter year, 2.11 inches in 1893.
Total in the wettest third quarter year, 11.45 inches in 1884.
Total in the driest third quarter year, 2.05 inches in 1891.
Total in the wettest fourth quarter year, 8.26 inches in 1877.
Total in the driest fourth quarter year, 3.15 inch in 1875.
Wettest month was May, 1881, with 12.82 inches.
Driest month was December, 1893, with none.
Greatest average monthly number of rainy days, 10 in June.
Least average monthly number of rainy days, 4 in January and November.
Temperature: Annual mean, 54°; warmest month is July, with an average of 78°; coldest month is January, with an average of 28°.

Though the successive periods from the sowing to the maturing of winter wheat overlap to a certain extent, in this region they conform quite closely to the calendar quarters, and it is usually on this account that this division of the year was selected for the above table. The fact that the growing season for our principal spring crops, oats and barley ends late in June or early in July also makes this method more desirable for the study of climate and crops than the seasonal division of the so-called meteorological year.
To summarize in a brief and general way, July, August, and

II° World War: Los Angeles February 26, 1942



About

25 February 1942 EARLY MORNING? Dozens of reflectors of the 37th Coast Artillery Brigade immediately intercepted the ship, appeared as a magical and surreal lantern in the dark and clear winter sky above the City of Angels. Few cities were able to sleep after the gunners of the coastal defense opened fire downloading hundreds of bursts of bullets into the bright object, initially spotted while floating above the Metro Goldwyn Mayer studios in Culver City. The roar of the artillery and the whistling of the tracers were felt everywhere in Los Angeles, while the military were certain of being able to hit the target ... to no avail. It 'a great flying body, apparently completely oblivious to the hundreds of anti-aircraft shells exploded it is target, with no effect.

Los Angeles Times

ARMY SAYS ALARM REAL

U.S. Flyers Reap Storm Grows Over Delay in Indies Victories
 Five Deaths Laid to Raids
 Roaring Guns Mark Blackout

WAR EXTRA
 Los Angeles Examiner 9 A.M. FINAL

AIR BATTLE RAGES OVER LOS ANGELES

IN THE Impossible to Send RUSSIAN TAP One Plane Reported BURN ON FOUR

ANTI-AIRCRAFT GUNS BLAST AT L. A. MYSTERY INVADER

Glendale News-Press
 Glendale is the Third Largest City in Los Angeles County

Raid Scare Blacks Out Southland, but Knox Claims 'False Alarm'

Searchlights and Anti-aircraft Guns Comb Sky During Alarm



Press-Telegram

GUNS BOMBARD SKY AS STRANGE PLANES BLACK-OUT SOUTHLAND IN FIRST 'RAID'

Three Subs Sunk, Four Damaged in Atlantic Battles
Bombs Sink Three Hippon Transports
Yankees, British Bag 30 Japanese Planes in Burma
No Bombs Fell, No Aircraft Downed, Report From Army

II° World War 1944 - 45: Foo Fighter



THE NEW YORK TIMES, THURSDAY, DECEMBER 14, 1944.



Floating Mystery Ball Is New Nazi Air Weapon

SUPREME HEADQUARTERS, Allied Expeditionary Force, Dec. 13—A new German weapon has made its appearance on the western air front, it was disclosed today.

Airmen of the American Air Force report that they are encountering silver colored spheres in the air over German territory. The spheres are encountered either singly or in clusters. Sometimes they are semi-transparent.

SUPREME HEADQUARTERS, Dec. 13 (Reuter)—The Germans have produced a "secret" weapon in keeping with the Christmas season.

The new device, apparently an air defense weapon, resembles the huge glass balls that adorn Christmas trees.

There was no information available as to what holds them up like stars in the sky, what is in them, or what their purpose is supposed to be.



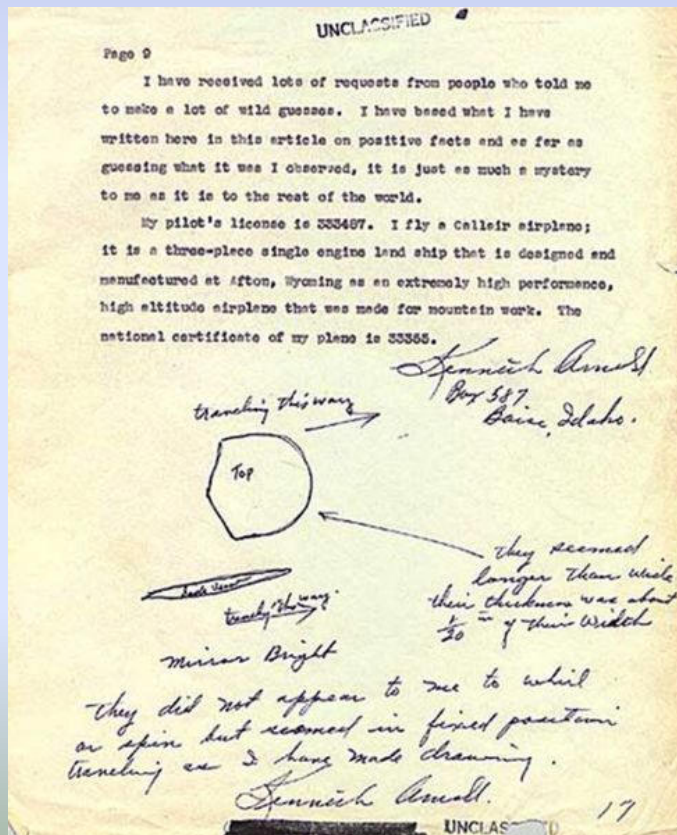
The first official sighting of a "flying saucers" or "flying disc" June 24, 1947 Kenneth Arnold



Kenneth A. Arnold, a private pilot, has become famous as it is considered as the first man who has publicly reported a UFO sighting widely documented, made in the USA.



15. Kenneth Arnold, che avvistò gli UFO il 24 giugno 1947, ripreso a bordo del suo aereo. Fu lui a coniare il termine «flying saucers».



Disegno che Kenneth Arnold fece per l'intelligence degli Army Air Forces (AAF)



A.M.C. Air Materiel Command 1947



SECRET 18

DRAFT OF COLLECTION MEMORANDUM

OBJECT:
1. This memo sets forth the current intelligence requirements in the field of Flying Saucer type aircraft.

CHARACTER:

1. An alleged "Flying Saucer" type aircraft or object in flight, approximating the shape of a disc, has been reported by many observers from widely scattered places, such as the United States, Alaska, Canada, Hungary, the Island of Guam, and Japan. This object has been reported by many competent observers, including USAF rated officers. Sightings have been made from the ground as well as from the air.
2. Commonly reported features that are very significant and which may aid in the investigation are as follows:
 - a. Relatively flat bottom with extreme light-reflecting ability.
 - b. Absence of sound except for an occasional roar when operating under super performance conditions.
 - c. Extreme maneuverability and apparent ability to almost hover.
 - d. A plan form approximating that of an oval or disc with a dome shape on the top surface.
 - e. The absence of an exhaust trail except in a few instances when it was reported to have a bluish color, like a blowl exhaust, which persisted for approximately one hour. Other reports indicated a brownish smoke trail that could be the results of a special catalyst or chemical agent for extra power.
 - f. The ability to quickly disappear by high speed or by complete disintegration.
 - g. The ability to suddenly appear without warning as if from an extremely high altitude.
 - h. The disc most reported approximated that of a C-54 or Constellation type aircraft.
 - i. The ability to group together very quickly in a tight formation when more than one aircraft are together.
 - j. Evasive action ability indicates possibility of being manually operated, or possibly by electronic or remote control devices.
 - k. Under certain power conditions, the craft seems to have the ability to cut a clear path through clouds — width of path estimated to be approximately one-half mile. Only one incident indicated this phenomenon.



General Nathan F. Twining, commanding general of the Air Materiel



Brig. Gen. George SCHULGEN

- The start of the first official project of studies unidentified flying objects taken as a basis a confidential document of the US Army dated 23 September 1947: it was a note written by Gen. Nathan Twining, head of the Air Materiel Command Dalton, Ohio, at Brig. Gen. George SCHULGEN, then commander of the air units of the Army (in 1947 the Air Force was still an armed force in its own right but it depended on the Army).? The letter refers to a previous request for an opinion made by AC / AS -2 that is the Commander of Air Command in Washington, Brig. Gen. George SCHULGEN the Air Materiel Command (AMC) on the same so-called "Flying Saucers".?

- The response of Gen. Nathan Twining was as follows:

- "This command is of the opinion that: A) the phenomenon of which the object is real, not fictitious or unreal? B) confirms the existence of the disk-shaped objects, the magnitude which would make them look comparable to those of conventional aircraft;? c) the possibility exists that some reports have originated from natural phenomena, such as meteors;? d) the flight characteristics as reported, for example, the high climb rates, maneuverability (in particular on the rolling radius) and other maneuvers undertaken following sighting or radar interception of our aircraft, they are to be considered evasive nature and tend to favor the hypothesis that some of the objects seen are governed manually, automatically or remotely. ? Let them taken reasonable care that: ? 1) it is possible that the items are of national origin, the result of any top secret programs whose existence is ignored by AC / AS-2 or by this command;? 2) lack hard evidence such as, for example, scrap recovered in cases of flight accidents, are able to prove the existence of objects in a concrete way;? 3) is likely to exist, unknown to us, a form of propulsion, perhaps nuclear, held from some other nation; ?? This command is recommended: ? a) that the Army Aviation Command, through appropriate directive, gives priority, secrecy classification and code name, in order to carry out a detailed study of the phenomenon, including the ' deepening of a complete set of all available and relevant data provided by: Army, Navy, Atomic Energy Commission, JRDS, Air Force Scientific Advisory Group, NACA and Projects by RAND and NEPA for comments and recommendations. These bodies draw up a preliminary report within 15 days receipt of data and they should see the drafting of a periodic report detailed monthly basis, for the duration of the conduct of the study. "

SECRET

Form 10 (Rev. 10-15-46) 10-15-46

AND 76 0108 5-4-47

SECRET

SAVE

HEADQUARTERS
AIR MATERIEL COMMAND

STANDARD FORM NO. 6-4100
MAY 1962 EDITION, GPO

SEP 2 1947

SUBJECT: AMC Opinion Concerning "Flying Saucer"

TO: Commanding General
Army Air Forces
Washington 25, D. C.
ATTENTION: Brig. Gen. George Schulgen
AD/AS-2

1. As requested by AD/AS-2 there is presented below the considered opinion of this Command concerning the so-called "Flying Saucer". This opinion is based on interrogation report data furnished by AD/AS-2 and preliminary studies by personnel of T-2 and Aircraft Laboratory, Engineering Division T-3. This opinion was arrived at in a conference between personnel from the Air Institute of Technology, Intelligence T-2, Office, Chief of Engineering Division, and the Aircraft, Power Plant and Propeller Laboratories of Engineering Division T-3.

2. It is the opinion that:

a. The phenomenon reported is something real and not visionary or fictitious.

b. There are objects probably approximating the shape of a disc, of such appreciable size as to appear to be as large as two-mane aircraft.

c. There is a possibility that some of the incidents may be caused by natural phenomena, such as meteors.

d. The reported operating characteristics such as extreme rates of climb, maneuverability (particularly in rolls), and action which must be considered evasive when sighted or contacted by friendly aircraft and radar, lend belief to the possibility that some of the objects are controlled either manually, electronically or remotely.

e. The apparent common description of the objects is as follows:-

(1) Metallic or light reflecting surface.

SECRET

7-13258



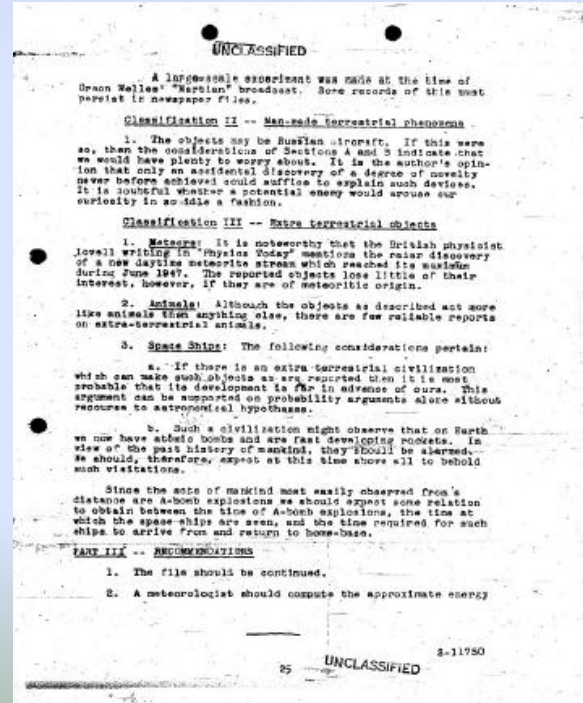
Project 1947



Project Sign (1947-1948)



Project Sign group inside the T-2 Conference Room at Wright Patterson AFB in 1948. From left and around the table are: Lt. Col. Malcolm Seashore, chief of Material Command Intelligence Technical Analysis; [unidentifiable person blocked by Seashore]; Lt. Col. J.J. Hausman; Col. Howard McCoy, director of Air Mater Command T-2 Intelligence Division; [believed to be] Capt. Robert Sneider, Project officer under McCoy and Clingerman; [believed to be] Col. William Clingerman, executive officer for Material Command Intelligence Analysis (MCIA); and John "Red" Honaker, liaison to the AMC Commander Lt Gen. Nathan Twining, with pipe.





Los Alamos Conference on Aerial Phenomena 16 feb 1949



METEORITE SPECIALIST Dr. Allen Hynek, assisted dean of the graduate school at Ohio State University, visited the University of New Mexico Monday and Tuesday. Above, he examines a solid iron meteorite held by Dr. Lincoln LaPaz, right, head of the UNM Institute of Meteoritics. Behind them is Dr. Frederick Leonard, visiting professor here for the summer from U.C.L.A., an Institute associate. Dr. Hynek, a classmate of Dr. LaPaz at Ohio State, is astronomer at that school's Perkins Observatory and worked in New Mexico at the time the proximity law was being developed.



Edward Teller

UNCLASSIFIED

CONFERENCE
ON
AERIAL PHENOMENA

25

A

Held at 1300, 16 February 1949, in conference room F-162, Los Alamos Scientific Laboratory, Los Alamos, New Mexico. Present:

- | | |
|---------------------------|--|
| 4th Army: | Major Winn
Major Godsoe
Captain Heef |
| AFSWP: | Commander Mandelkorn |
| University of New Mexico: | Dr. LaPaz |
| FBI: | Mr. Maxwell |
| USABC, SFOO: | Mr. Morgan
Mr. Newburger |
| University of California: | Dr. Bradbury
Dr. Holloway
Dr. Hoyt
Dr. Manley
Dr. Reines
Dr. Teller |

Mr. Newburger opened the conference and stated that the subject of Aerial Phenomena was classified Secret within the meaning of AR 380-5 and comparable appropriate regulations of the Navy and Air Forces, and that all personnel at this meeting were properly cleared. Mr. Newburger then introduced Captain Heef, who briefly outlined the purpose of this meeting.

Captain Heef: It all started back in December, 1948, when we first received some reports from some airline pilots that these green fireballs were sighted. At this stage we had no idea what to do with it or what it was. We approached Dr. LaPaz who has been assisting us, gratis, since that date. Almost over two months now that he has been assisting us, so in order to have you get the facts as they are to a scientist, I'll let Dr. LaPaz explain these things as we have found them. Then you can give us your opinion from there; that is what we are interested in.

Dr. LaPaz: I would like to review what is observed in the case of a conventional meteorite fall. Not that I have any hopes of saying anything you don't already know, but because I regard the observational evidence observed by the conventional meteorite falls as providing the necessary background for what is now observed. Meteorite falls (for next minute or two, Dr. LaPaz's comments on record dropped out by noise from ditch digger immediately outside conference room) Because of sound phenomena primarily, the fall of a large meteorite will cause great fright among human beings necessarily but primarily among animals, of all kinds. The fact follows, by a meteorite falling into the

UNCLASSIFIED



Project Grudge (1949-1951)




PROJECT "GRUDGE"

UNIDENTIFIED

Flying Objects

From Headquarters Wright-Patterson Air Force Base
Dayton, OHIO

Air Materiel Command
Release Date:
August 1949



Foreword by Robert P. Swiatek

FIND FOR UFO RESEARCH INC.

UNIDENTIFIED

4 JAN 1950

TO: Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio

1. Reference is made to Hq. USAF letter, dated 30 December 1947, subject, "Flying Discs"; and Hq. USAF 1st Indorsement, dated 10 October 1949, to AMC letter, dated 10 August 1949, subject, "Project Grudge Technical Report".

2. In view of the findings and subsequent concurrence by all Services through the JIO, it is recommended that special project action by the Intelligence Department, Hq. AMC, on "flying saucer" reports be discontinued. Any future reports on this subject should be accorded the same consideration as that given to intelligence on other subjects.

3. This headquarters is taking action to cancel all its outstanding intelligence requirements issued for collection of information on "flying saucers" including Air Intelligence Requirements Memorandum Number 4, "Unconventional Aircraft", Department of the Air Force, Hq. USAF, dated 15 February 1949.

4. Copy of Project Grudge Technical Report, with corrections as suggested in indorsements to Hq. USAF 1st Indorsement, dated 10 October 1949, to AMC letter, dated 10 August 1949, will be revised to determine potentialities for psychological warfare application as recommended by AMC.

5. It is requested that the Project Grudge file at Hq. AMC be retained as the official record on "flying saucer" investigations.

BY COMMAND OF THE CHIEF OF STAFF:
JOHN W. SCHREIBER, JR.
Colonel, USAF
Executive
Directorate of Intelligence

OFFICE SYMBOL	1. AFCAI	2. AFOLC	3. AFMWD	4. AFMCI	5. AFMCI
GRADE AND SURNAME OF COORDINATING OFFICER	Col. Schreiber	Col. Schreiber	Col. Schreiber	Col. Schreiber	Col. Schreiber

6008
Project Grudge

18 February 1949

REPORT OF TRIP TO LOS ALAMOS, NEW MEXICO, 18 FEBRUARY 1949, BY COMMANDER RICHARD S. HANDELBERG, U.S.A., RESEARCH AND DEVELOPMENT DIVISION, SANDIA BASE.

Subject: Project "Grudge".

1. On 18 February, a conference was held at Los Alamos to consider the so-called green fireball phenomena which commenced about 5 December 1948. The following were present:

For Los Alamos:

- Mr. H. E. Bradbury
- Mr. Marshall Holloway
- Mr. Fred Reines
- Mr. John Hamley
- Mr. Edward Teller
- Mr. Elmo Morgan (ASG)
- Mr. Sidney Neuberger (Security)
- Mr. Maxwell (AESB)
- Mr. Hoyt

For the Fourth Army:

- Major William A. Godose
- Major Wynn

For the U. S. Air Force:

- Captain Neaf

For the University of New Mexico:

- Dr. Lincoln LAFAs

For Sandia Base:

- Commander Richard Handelberg

2. Captain Neaf opened the meeting by saying that the problem was being presented to Los Alamos scientists in hopes that they would be able to indicate some mode of attack on the problem and offer some explanations for the phenomena observed. He stated that this question had been classified military SECRET under the name, Project "Grudge", and that the investigation was now the primary responsibility of USAF, Air Materiel Command, T-2. He then turned over the discussion to Dr. LAFAs.

RECORDED - 82
15 Apr. 1949

UNCLASSIFIED



Général Charles Cabell

Office Memorandum - UNITED STATES GOVERNMENT

TO : DIRECTOR, FBI

DATE: March 28, 1949

FROM : SAC, SAN ANTONIO

SUBJECT: PHENOMENA OF VITAL INSTALLATIONS
INDEXED FILE 65-54200

Re San Antonio letter to the Director dated January 31, 1949, which outlined discussion had at recent weekly Intelligence Conference of G-2, G-1, G-3 and FBI in the Fourth Army area concerning unidentified aircraft or unidentified aerial phenomena otherwise known as "flying discs", "flying saucers" and "balls of fire". It is requested that this matter be considered secret by Intelligence Officers of both the Army and the Air Force.

G-2, 4th Army, has advised that the above matter is now termed "Unconventional Aircraft" and investigations concerning such matters have been given the name "Project Grudge".

G-2, 4th Army, advised on February 16, 1949, a conference was held at Los Alamos, New Mexico, to consider the so-called "green fire ball phenomena" which began about December 5, 1948. It was brought out this question has been classified "Secret" and that investigation is now the primary responsibility of the U.S. Air Force, Air Materiel Command, T-2.

Dr. LINCOLN LA FAS of the University of New Mexico, discussed one thing which he himself had made which was termed the "Hawarden peak incident" and described the following characteristics which indicated that the phenomenon could not be classified as a normal meteorite fall.

1. There was an initial bright light (no period of instantly increase) and constant intensity during the duration of the phenomenon.
2. Yellow green color about 2500 Angstroms.
3. Essentially horizontal path.
4. Trajectory traversed at constant angular velocity.
5. Duration about two seconds.
6. No accompanying noise.

JRS:md
2 sets RI Pass (100-1454)
2 set Dallas
• Houston
• Little Rock
• Oklahoma City

RECORDED - 82
15 Apr. 1949

- 1 -



Project Twinkle (1949-1952)



PROJECT CONTROL RECORD		PROJECT NO. 2-251
SUBJECT Project Twinkle with 2 Incls.		
DEADLINE 4 Mar 52	DATE RECEIVED 25 Feb 52	
ORIGINATED BY AFDRD		
ACTION BRANCH TC	BRANCH PROJECT OFFICER	
REQUIREMENT Preparation of BAR #2 to AFDRD from Directorate of Intelligence.		
PROPOSED APPROACH Routine		
ACTION TAKEN Prepared BAR 2 to AFDRD		
RECOMMENDED FURTHER ACTION None		
MAN HOURS REQUIRED 2 hrs - Capt Fournet 20 min - Miss Overstreet 20 min - Miss Bryan		
DATE FORWARDED	APPROVED BY	
AFHQ FORM 0-553 28 JUN 51 1437	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	

UNCLASSIFIED

PROJECT TWINKLE
FINAL REPORT

Director
Atmospheric Studies Inst
ATTN: Andrew Bennett
3400 Avenue AFB, Huntsville
Alabama

RETURN TO:
EL/TT/27
K243/201

L. ELTERMAN
27 November 1951

APPROVED:

P. H. WICKOFF
Chief, Atmospheric Physics Laboratory

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS,
DOD DIR 5200.10

UNCLASSIFIED

1003284

UNCLASSIFIED

(UNCLASSIFIED) Project TWINKLE

19 Feb 1952
1
Lt Col Clayton/djh/52007
AFDRD-RE

Directorate of Intelligence
Attention: Colonel John G. Erickson, Chief
Technical Capabilities Branch
Research Division, Directorate of Research and Development, Office, DCS/Development

- Attached is a copy of a letter from the Air Research and Development Command requesting declassification of Project TWINKLE, a project which was carried out by AMC and ARDC for investigation of unusual light phenomena in the general area of Holloman Air Force Base and Vaughn, New Mexico.
- The Scientific Advisory Board Secretariat has suggested that this project not be declassified for a variety of reasons, chief among which is that no scientific explanation for any of the "fireballs" and other phenomena was revealed by the report and that some reputable scientists still believe that the observed phenomena are man-made.
- In view of the great interest of the Directorate of Intelligence in such phenomena and the related manifestations, evaluation of the final report of Project TWINKLE with a view to its declassification is requested.

2 Incls
1. cy ltr fr ARDC to Hq 14 Jan 52
2. cy of Proj TWINKLE Final Report

ALBERT E. LOWBARD, JR.
Chief, Research Division
Directorate of Research and Development
Office, Deputy Chief of Staff, Development

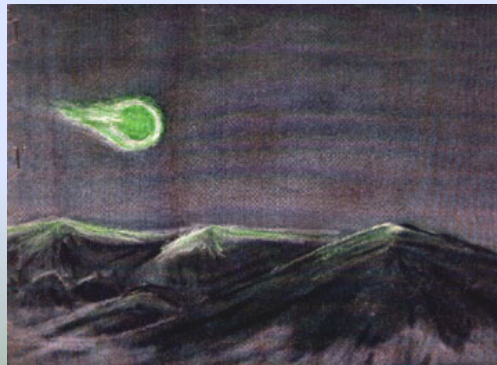
JOHN H. CLAYTON
Lt Colonel, USAF

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS,
DOD DIR 5200.10

UNCLASSIFIED



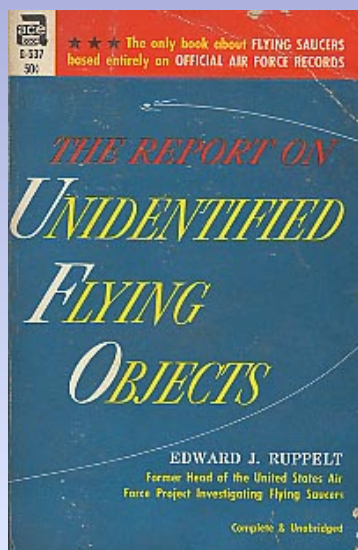
One image from the movie taken by Ralph Mayher, July 29, 1952.



Green Fireballs



il Project Bear (1951): da “flying saucer” a U.F.O.



Capt. Edward J. Ruppelt

Conference July 29 to are noted from left to right: James, Ramey, Ruppelt, Samford, Bower and Griffing

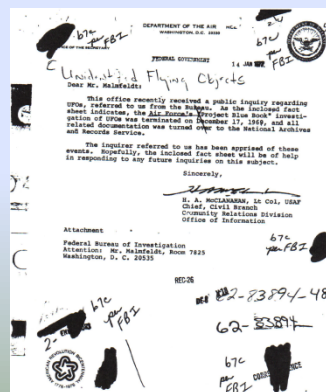
- The term "UFO" was coined in 1951 by US Air Force Captain Edward J. Ruppelt, experienced bomber pilot in World War II and instructed to take under control the government investigations on "flying saucers" as coordinator of the Bear Project , officially launched on Oct. 27, 1951.
- Ruppelt himself writes in his book that he created the term UFO instead of "flying saucer" because the latter was not very dignified for a military terminology. Dish or saucer, however, was the nomenclature commonly used before that time to define what was observed in the heavens and that had a certain strangeness that denied a quid a viable and logical interpretation.



Project Blue Book 1952-1970



Casi censiti: 12.618
Casi rimasti non classificati: 701



Psychoanalysis and UFO: Carl Gustav Jung



THE A. P. R. O. BULLETIN

Published by
THE AERIAL PHENOMENA RESEARCH
ORGANIZATION

1712 Van Court
Alamogordo, New Mexico, U.S.A.

COPYRIGHT 1958, CORAL E. LORENZEN
Editor and Director

Information appearing in this Bulletin may be used by radio, TV, newspapers and other UAO research periodicals providing credit is properly given to this organization and periodical.

Coral E. Lorenzen, Internat'l Director and Editor
A. E. Brown, B.S.E.E., Director of Research
Paul Fleetwood, B.S. Ch. E., Asst. Dir. Research
L. J. Lorenzen, Director of Public Relations
Gerald S. Clarke, Asst. Director Public Relations
Leonard W. Meeks, B.S.M., Data Analyst
John T. Hopf, Photographic Consultant
Oliver Dean, Photographic Consultant
Elinore Brown, Secretary

Professor Dr. Carl G. Jung, Ph.D.
Consultant in Psychology

Dr. Olavo Fontes, M.D.
Special Representative, Brazil
Murray Sale
Special Representative, Australia

Printed by Bennett-Pleger Printing Co.
Alamogordo, New Mexico



The above is a candid photo of the staff taken during a coffee break after an evening's APRO chores. From left to right: A. E. Brown, Director of Research; Elinore Brown, Secretary; L. J. Lorenzen, Director of Public Relations (standing); Coral E. Lorenzen, Director, and Terry Clarke, Assistant Director of Public Relations. PHOTO BY A. E. BROWN.

WHO IS A.P.R.O.? What makes it tick?
Its policies, direction and impetus derive largely from the following individuals. (There are others who for various reasons cannot be listed at the present time.) Let's get acquainted:

Mr. Brown, our Director of Research

known hotels and night clubs throughout the western United States, and performed extensively on radio and TV. He has worked at radio announcing and radio engineering. In 1950 he gave up the entertainment field, entered the Electronics Technical Institute of Los Angeles, and

WASH. POST. 30 JULY 1958 Flying Objects Real, Psychiatrist Insists

ALAMOGORDO, N. M., July 29 (UPI)—Dr. Carl Jung, the father of analytical psychology, said today that so-called unidentified flying objects "are not mere rumor" and the U. S. Air Force was "creating panic" by withholding information about them.

Jung's statements were printed in the monthly bulletin of the Aerial Phenomena Research Organization, UFO filter center. Jung serves as chief psychologist for the center.

"In the course of years, I gathered a considerable mass of observations," Jung wrote. "However, I can only say for certain these things are not mere rumor. Something has been seen.

"A purely psychological explanation is ruled out by the



Associated Press Photo
DR. CARL JUNG
"... something has been seen"

Dr. Jung Says 'Saucers' Exist; Bars Psychological Explanations

Requests Air Force Publish
'Authentic' Account of Facts
—Cites 14-Year Study

ALAMOGORDO, N. M., July 29 (AP)—One of the world's most eminent psychologists reports that unidentified flying objects are not quirks of imagination.

Dr. Carl Jung, who studied under Sigmund Freud, said that if they came from other planets they could bring an enforced peace—and universal panic—to the world.

Dr. Jung, 83, now lives in Zurich, Switzerland. He evolved the theory of the psychological complex—an explanation of abnormal behavior. He wrote his speculations on "Unidentified Flying Objects" in the monthly bulletin of the Aerial Phenomena Research Organization, a private organization with headquarters here.



Associated Press
Dr. Carl Jung

Western Europeans had on primitive cultures.

"What astonishes me," Dr. Jung wrote, "is that the American Air Force, despite all the information in its so-called fear

HAITI'S PRESIDENT CRUSHES REVOLUTION

Continued From Page 1,

Prince, and some time midnight seized the Des Barracks in the center of the city, capturing fifty soldiers. Three soldiers and an air officer were reported killed.

The Government rallied its military forces and captured the barracks by force. Duvalier, a physician by profession; Maj. Gen. Michel Lambert, chief of staff; Major André Fareau, ex-officer of the army, led a successful counter-attack from the Presidential palace, across the street from the barracks.

Later, the President, in army uniform and steel helmet, toured the city with a gun in his hand, at the head of a parade of trucks and ambulances. His followers, some with blood-smudged shirts, shouted: "We got them! Duvalier is strong!"

The commercial district of Port-au-Prince was shut during the morning. A curfew has been imposed from 6 to 6 A. M.

What is observed in the sky ... and sometimes in time reappears (Italia, 1933; USA, 1948 e 1949)



Per Tommy:

- 1) *Trovare differenze*
- 2) *La foto - ipotesi probabile di*

Allegato a: Linea

Scritto alle 15.30 del M.F.

oggetto simile?
Trovare

The Chiles-Whitted Case

Montgomery, Alabama
July 24, 1948

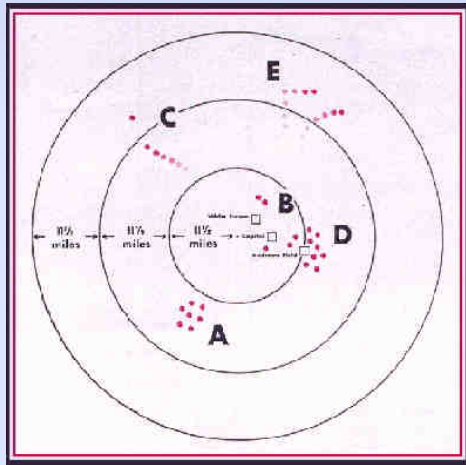
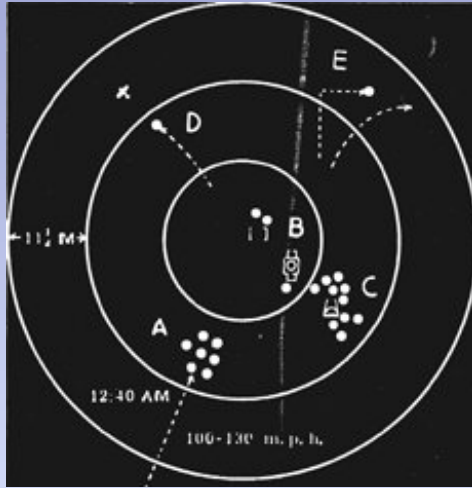
*Non andare alla mano, e quindi facile
segnare ai fratelli di un osservatore.
una volta come pallone che ha
una più volte di un. La foto
che è stata veduta da altri piloti.
L'osservatore, anche se quel Meri-
melli da da più forte il rapporto che
è arrivato a mano di linea.
Vedi, se c'era almeno un ora, dopo di
già per me perché quel Meri,
è stato visto (e questo ancora fa
da) una volta di lungo tubo metal-
lico, grigio o antracite. Nel rapporto
del capitano J. X. è grandissimo.*

11. L'astronomo Clyde Tombaugh, scopritore del pianeta Plutone.

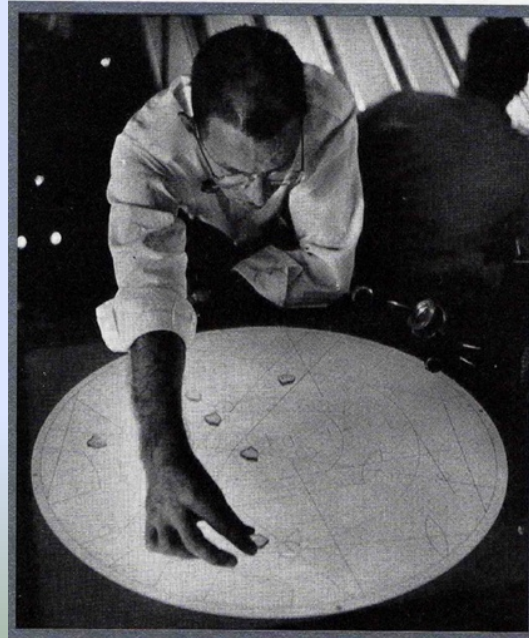
« FINESTRA » ILLUMINATA

12. L'UFO osservato da Tombaugh in una ricostruzione ufficiale.

Historical images of UFO cases sighting radar



Air traffic controller Harry G. Barnes tracked some of the UFOs that were reported over Washington, D.C., in 1952. The air force blamed the sightings on temperature inversions.



President Truman In 1952 Confirms UFOs Are Real

From a controller's original sketch, some saucer movements July 20 on Washington radar scope are diagrammed above.

At A, seven blips appeared suddenly. Two moved (B) near White House, one near Capitol. At C, one fled a northwest bound airliner (indicated by row of blips). Later (D) ten flocked at Andrews Field. E illustrates a saucer's right-angle turn compared with curving turn of ordinary aircraft

STRANGE OBJECTS IN U.S. SKY

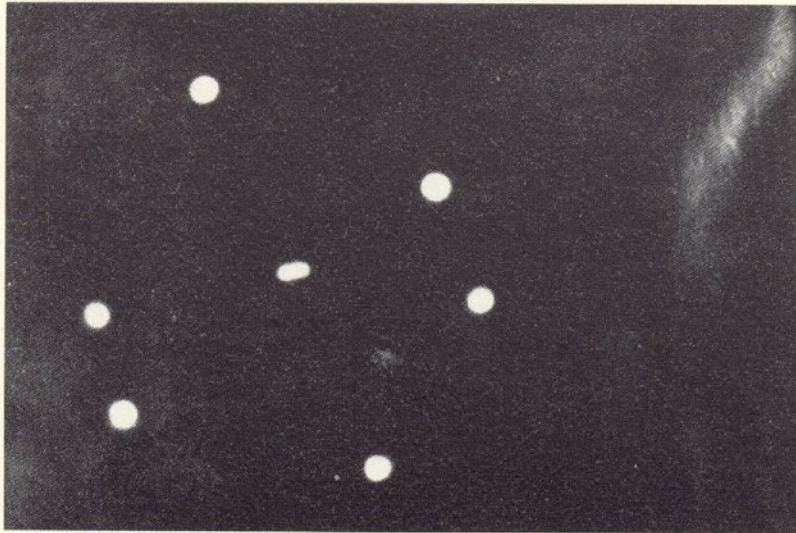
OBSERVATION BY RADAR

FROM OUR OWN CORRESPONDENT
WASHINGTON, July 22

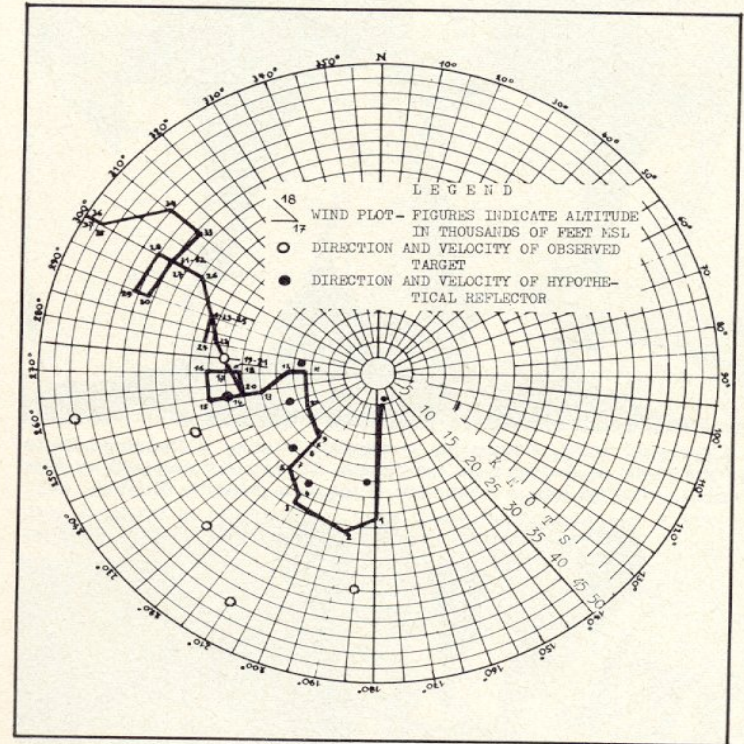
United States Air Force officials, who have been checking the many recent reports of "flying saucers" submitted to them from various parts of the country, are to-day investigating reports that seven to 10 unidentified aerial objects were noted on radar screens here early on Sunday morning. These objects appeared to be over Andrews Air Force base, in Maryland.

The Air Force announced last night that the objects had appeared on the radar screen in the air route (traffic control) centre at the National Airport, first on one section of the screen, and then, soon afterwards, on another section, which showed them moving in a different direction. Their speed was only 100 to 115 miles an hour, which is very slow for "flying saucers." One pilot watched the objects for about 12 minutes as he flew from Washington to Martinsburg, in West Virginia. Another pilot reported that a brilliant light had followed his aircraft from Herndon, in Virginia to within four miles of the National Airport

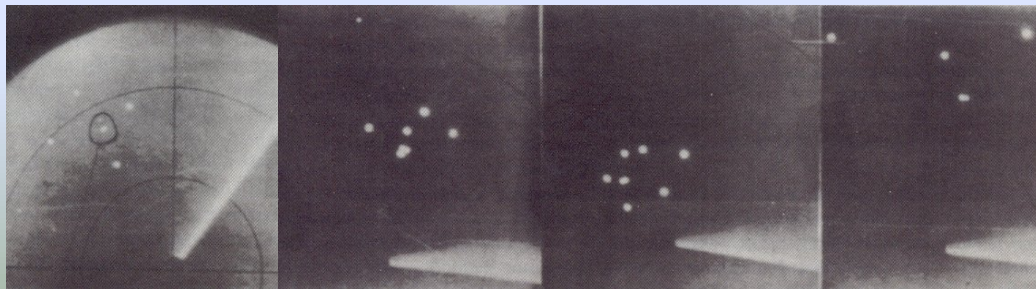
Historical images of UFO cases sighting radar Washington 1952



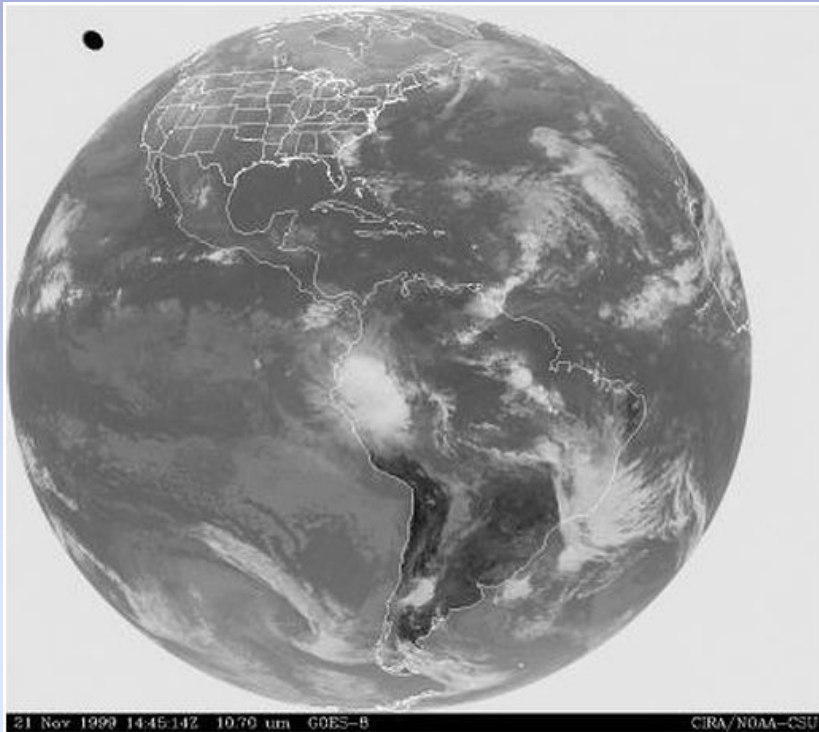
17. Questo documento fotografico, rimasto a lungo segreto, è l'unico sfuggito agli archivi riservati dell'USAF tra quelli scattati nel corso dei ripetuti avvistamenti effettuati nel cielo di Washington nella notte tra il 19 luglio e il 6 agosto 1952. Mostra sei UFO in formazione esagonale piuttosto serrata. Il tratto luminoso al centro è lo scarico di uno dei caccia a reazione inviati dalla Base Aerea di Newcastle per tentarne l'intercettazione.



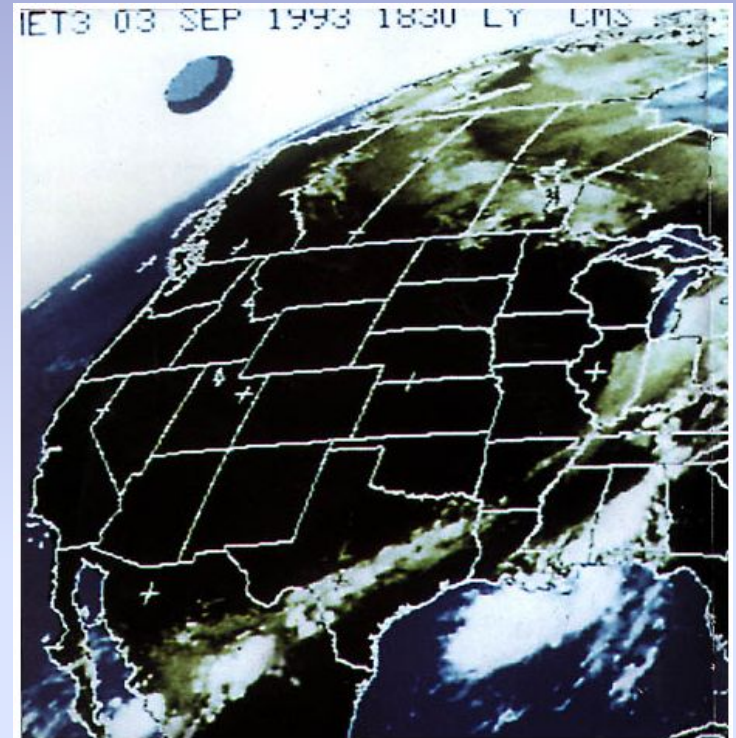
18. Diagramma ufficiale della rotta e delle posizioni di sei UFO sullo schermo radar dell'Aeroporto Nazionale di Washington il 5 agosto 1952.



Photos from satellites



November 21, 1999 at 14:45
The National Oceanic and Atmospheric (NOAA) has several Geosynchronous Orbiting Satellites in orbit watching the Earth's weather and environment.



September 03, 1993
Earth Orbit
METEOSAT photo



July 17, 1992 - Earth Orbit, GEOS-8 Satellite, Space Geostationary Orbital Environmental Satellite 8 (GOES-8)



URSS



October 18, 1967 First Commission Official USSR Cosmonautics



Un fotogramma della ripresa effettuata il 26 giugno 1999



Prof. Felix Zhigel



Prof. Alexandr P. Kazantsev



3 luglio 2002: secondo incontro con gli UFO

Экз. № 1

КОМИТЕТ
государственной безопасности СССР
24.10.91 № 1953/П
Итого

Президенту Всесоюзной
уфологической ассоциации
Лещику-космонавту СССР
тов. Лешевичу П.Р.

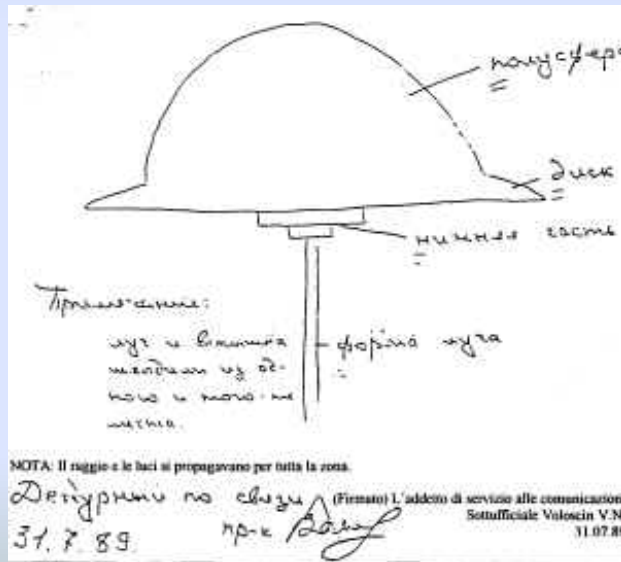
№ У 5-53 от 24.09.91 г.

Уважаемый Павел Романович!

Комитет государственной безопасности не занимается систематическим сбором и анализом информации об аномальных явлениях (так называемых неопознанных летающих объектах). Вместе с тем, в КГБ СССР поступает от различных организаций и граждан информация в случаях наблюдения таких явлений. Направляем Вам копии соответствующих материалов. Ранее эти материалы по запросу были высланы в ЦВМ машиностроения г. Калининград.

Приложение: по тексту, на 124 листах, неопределенно, только в адрес.

Заместитель Председателя Комитета Н.А.Дам



КОМСОМЛЬСКАЯ ПРАВДА
27
Среда, 5 февраля
Рассекречен «синий пакет»

КГБ ОТКРЫЛ ТАЙНЫ НЛО

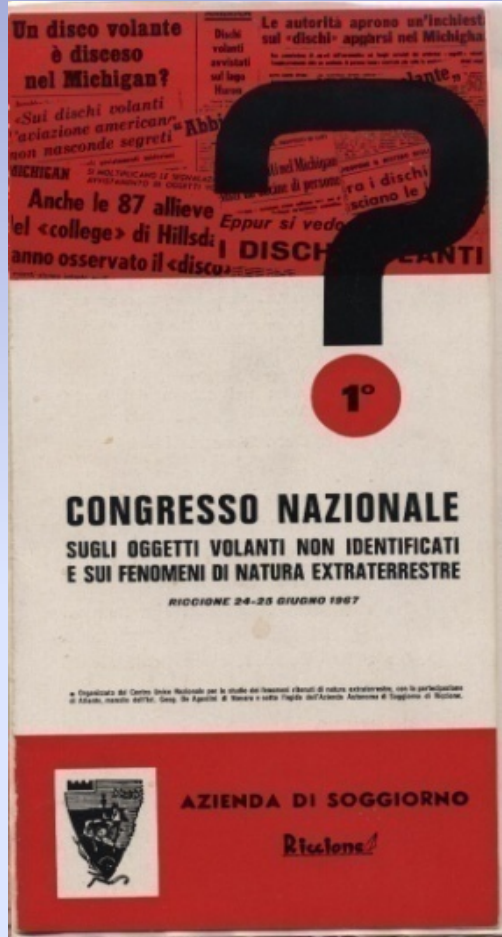
конус сфера
диск
нижняя часть
форма туза

«Комсомолка» удалось получить знаменитое дог. свидетельства о полетах инопланетян, которое собирали чекисты

10

1965 Il CUN Centro Ufologico Nazionale

Il Centro Ufologico Nazionale segue dal 1965 il fenomeno degli oggetti volanti non identificati.



Congresso di Riccione 1967 –

Pinotti, Bartoli, Barattini, Bordoni-Bisleri, Maioli, Piccoli, Albertini, Ribera

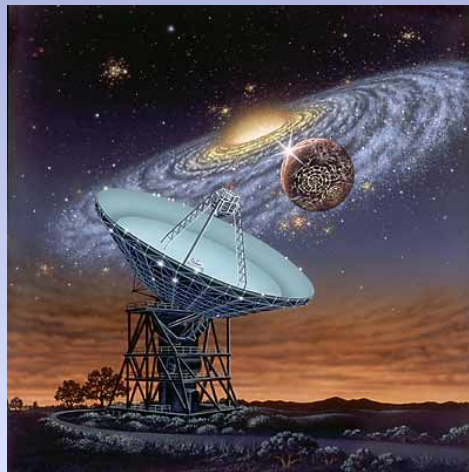


J. Allen Hynek con R. Pinotti

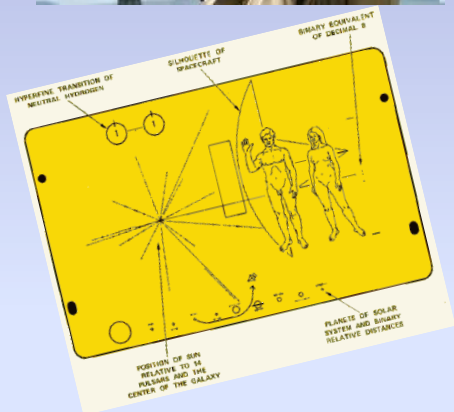


G. Barattini, fondatore del CUN con J. Allen Hynek

Seti And Meti



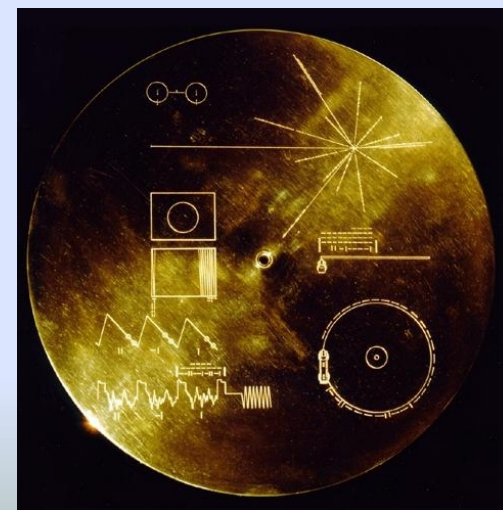
Bibolotti e il Prof. Zaitsev



DRAKE EQUATION

$$N = R \times f_s \times f_p \times n_e \times f_l \times f_i \times f_c \times L$$

- R average rate of star formation
- f_s fraction of good stars that have planetary systems
- n_e number of planets around these stars within an "ecoshell"
- f_l fraction of those planets where life develops
- f_i fraction of living species that develop intelligence
- f_c fraction of intelligent species with communications technology
- L lifetime of the "communicative phase"





United Nations 1978

Recommendation to Establish UN Agency for UFO Research – UN General Assembly decision 33/426, 1978



United Nations

original source [notice](#)

Summary: At its 87th plenary meeting, on 18 December 1978, the UN General Assembly, on the recommendation of the Special Political Committee recommended the establishment of an agency or a department of the United Nations for undertaking, co-ordinating and disseminating the results of research into unidentified flying objects and related phenomena.
UN General Assembly decision 33/426, 1978

Establishment of an agency or a department of the United Nations for undertaking, co-ordinating and disseminating the results of research into unidentified flying objects and related phenomena

At its 87th plenary meeting, on 18 December 1978, the General Assembly, on the recommendation of the Special Political Committee adopted the following text as representing the consensus of the members of the Assembly:

- "1. The General Assembly has taken note of the statements made, and draft resolutions submitted, by Grenada at the thirty-second and thirty-third sessions of the General Assembly regarding unidentified flying objects and related phenomena.
- "2. The General Assembly invites interested Member States to take appropriate steps to coordinate on a national level scientific research and investigation into extraterrestrial life, including unidentified flying objects, and to inform the Secretary-General of the observations, research and evaluation of such activities.
- "3. The General Assembly request the Secretary-general to transmit the statements of the delegation of Grenada and the relevant documentation to the Committee on the Peaceful Uses of Outer Space, so that it may consider them at its session in 1979
- "4. The Committee on the Peaceful Uses of Outer Space will permit Grenada, upon its request, to present its views to the Committee at its session in 1979.

Recommendation to Establish UN Agency for UFO Research UN General Assembly decision 33/426, 1978



(Naciones Unidas)

Summary: At its 87th plenary meeting, on 18 December 1978, the UN General Assembly, on the recommendation of the Special Political Committee recommended the establishment of an agency or a department of the United Nations for undertaking, co-ordinating and disseminating the results of research into unidentified flying objects and related phenomena.

UN General Assembly decision 33/426, 1978

Establishment of an agency or a department of the United Nations for undertaking, co-ordinating and disseminating the results of research into unidentified flying objects and related phenomena

At its 87th plenary meeting, on 18 December 1978, the General Assembly, on the recommendation of the Special Political Committee adopted the following text as representing the consensus of the members of the Assembly:

- "1. The General Assembly has taken note of the statements made, and draft resolutions submitted, by Grenada at the thirty-second and thirty-third sessions of the General Assembly regarding unidentified flying objects and related phenomena.
- "2. The General Assembly invites interested Member States to take appropriate steps to coordinate on a national level scientific research and investigation into extraterrestrial life, including unidentified flying objects, and to inform the Secretary-General of the observations, research and evaluation of such activities.
- "3. The General Assembly requests the Secretary-general to transmit the statements of the delegation of Grenada and the relevant documentation to the Committee on the Peaceful Uses of Outer Space, so that it may consider them at its session in 1979.



International treaties USA USSR 30 sep. 1971



No. 11509

UNITED STATES OF AMERICA and UNION OF SOVIET SOCIALIST REPUBLICS

Agreement on measures to reduce the risk of outbreak of nuclear war. Signed at Washington on 30 September 1971

Authentic text: English and Russian.

Registered by the United States of America on 5 January 1972.

ÉTATS-UNIS D'AMÉRIQUE

et

UNION DES RÉPUBLIQUES SOCIALISTES SOVIÉTIQUES

Accord relatif à certaines mesures destinées à réduire le risque de déclenchement d'une guerre nucléaire. Signé à Washington le 30 septembre 1971

Textes authentiques: anglais et russe.

Enregistré par les États-Unis d'Amérique le 5 janvier 1972.

58

United Nations — Treaty Series

1972

AGREEMENT¹ ON MEASURES TO REDUCE THE RISK OF OUTBREAK OF NUCLEAR WAR BETWEEN THE UNITED STATES OF AMERICA AND THE UNION OF SOVIET SOCIALIST REPUBLICS

The United States of America and the Union of Soviet Socialist Republics, hereinafter referred to as the Parties:

Taking into account the devastating consequences that nuclear war would have for all mankind, and recognizing the need to exert every effort to avert the risk of outbreak of such a war, including measures to guard against accidental or unauthorized use of nuclear weapons,

Believing that agreement on measures for reducing the risk of outbreak of nuclear war serves the interests of strengthening international peace and security, and is in no way contrary to the interests of any other country,

Bearing in mind that continued efforts are also needed in the future to seek ways of reducing the risk of outbreak of nuclear war,

Have agreed as follows:

Article 1

Each Party undertakes to maintain and to improve, as it deems necessary, its existing organizational and technical arrangements to guard against the accidental or unauthorized use of nuclear weapons under its control.

Article 2

The Parties undertake to notify each other immediately in the event of an accidental, unauthorized or any other unexplained incident involving a possible detonation of a nuclear weapon which could create a risk of outbreak of nuclear war. In the event of such an incident, the Party whose nuclear weapon is involved will immediately make every effort to take necessary measures to render harmless or destroy such weapon without its causing damage.

¹ Came into force on 30 September 1971 by signature, in accordance with article 9.

No. 11509

60

United Nations — Treaty Series

1972

Article 3

The Parties undertake to notify each other immediately in the event of detection by missile warning systems of unidentified objects, or in the event of signs of interference with these systems or with related communications facilities, if such occurrences could create a risk of outbreak of nuclear war between the two countries.

Article 4

Each Party undertakes to notify the other Party in advance of any planned missile launches if such launches will extend beyond its national territory in the direction of the other Party.

Article 5

Each Party, in other situations involving unexplained nuclear incidents, undertakes to act in such a manner as to reduce the possibility of its actions being misinterpreted by the other Party. In any such situation, each Party may inform the other Party or request information when, in its view, this is warranted by the interests of averting the risk of outbreak of nuclear war.

Article 6

For transmission of urgent information, notifications and requests for information in situations requiring prompt clarification, the Parties shall make primary use of the Direct Communications Link between the Governments of the United States of America and the Union of Soviet Socialist Republics.¹

For transmission of other information, notifications and requests for information, the Parties, at their own discretion, may use any communications facilities, including diplomatic channels, depending on the degree of urgency.

Article 7

The Parties undertake to hold consultations, as mutually agreed, to consider questions relating to implementation of the provisions of this Agreement, as well as to discuss possible amendments thereto aimed at further implementation of the purposes of this Agreement.

¹ See "Memorandum of Understanding between the United States of America and the Union of Soviet Socialist Republics regarding the establishment of a direct communications link, signed at Geneva on 20 June 1963" in United Nations Treaty Series, vol. 472, p. 163.

No. 11509



September 30, 1971 US and USSR sign an agreement on measures for reduction of Tripping Danger of Nuclear War between the two Great Powers. ? The agreement was signed by Gromyko (USSR) and Rogers (USA)? to center of Nixon

62

United Nations — Treaty Series

1972

Article 8

This Agreement shall be of unlimited duration.

Article 9

This Agreement shall enter into force upon signature.

DONE at Washington on September 30, 1971, in two copies, each in the English and Russian languages, both texts being equally authentic.

For the United States
of America:

[Signed]

WILLIAM P. ROGERS

For the Union
of Soviet Socialist Republics:

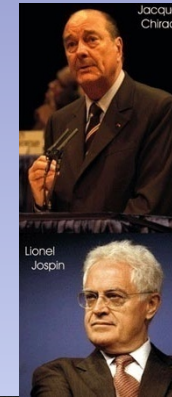
[Signed]

A. GROMYKO

No. 11509

Article 3 states: "The parties si'impegnano to immediately inform each other as soon as you detect unidentified objects using early warning systems of missile attack, or disturbances occur in these systems or corresponding media, if such events can determine the risk of outbreak of nuclear war between the two countries "

UFO and Intelligence: FRANCIA: 1999 Dossier COMETA



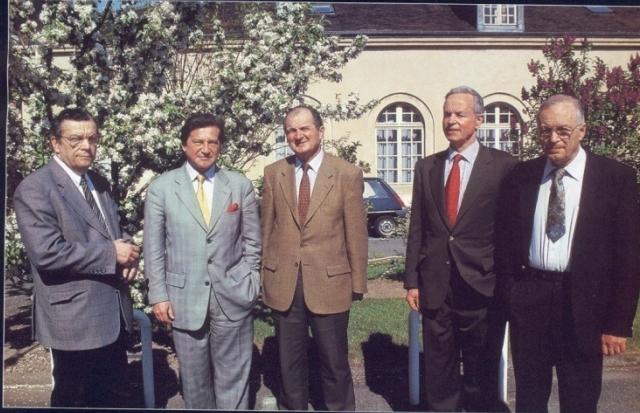
Cometa Report, concluded?: "the origin of the UFO as manifestations of extraterrestrial entities is almost certain"

Report submitted to President Chirac and Prime Minister Josphin with a preface by General Norlain, former director of the Institute of Advanced Studies of National Defense (IHEDN)



Les OVNI et la Défense : les hommes du rapport

Quelques membres de COMETA : de gauche à droite, l'ingénieur en chef des Mines Christian Marchal, M^r Michel Algrin, avocat à la Cour, le général de l'armée de l'Air Denis Letty, l'amiral Marc Merlo, l'ingénieur général de l'Armement Alain Orszag.



- André Lebeau, former President of the National Center for Space Studies (Centre National D'études Spatiales), or CNES. of IHEDN.
- General Denis Letty of the Air Force, former auditor (FA) of IHEDN.
- General Bruno Lemoine, of the Air Force (FA of IHEDN)
- Admiral Marc Merlo, (FA of IHEDN) - Michel Algrin, Doctor in Political Sciences, attorney at law (FA of IHEDN)
- General Pierre Bescond, engineer for armaments (FA of IHEDN)
- Denis Blancher, Chief National Police superintendent at the Ministry of the Interior
- Christian Marchal, chief engineer of the national Corps des Mines and Research Director at the National Office of Aeronautical Research (ONERA)
- General Alain Orszag, Ph.D. in physics, armaments engineer

Des personnalités auditionnées par COMETA



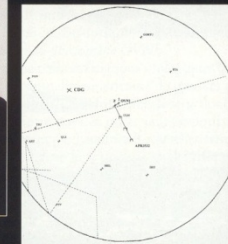
Le commandant de bord Jean-Charles Dubois, témoin d'un phénomène en 1994 sur la liaison Nice-Londres. Ci-dessous, une reconstitution des trajectoires de l'Airbus et de l'OVNI à partir des données radar.



Jean-Jacques Vélasco dirige le Sepra (Service d'expertise des phénomènes de rentrées atmosphériques), qui étudie, entre autres, les phénomènes aérospatiaux non identifiés.



Élève pilote de chasse en 1976, le colonel Claude Bosc a vu une boule lumineuse vert fluo.



Jean-Pierre Fartek, ancien pilote de Mirage III, qui a observé un objet insolite en 1979.



Le colonel René Giraud dans les années 70, à l'époque où il pilotait des bombardiers Mirage IV.



Edmond Campagnac (à gauche) en 1954, quand il était chef des services techniques d'Air France à Madagascar.



Le professeur André Lebeau, ancien président du Cnes.



Jean-Claude Ribes, astrophysicien et ancien directeur de l'Observatoire de Lyon.



Le général Bernard Norlain, ancien directeur de l'IHEDN, l'Institut des hautes études de défense nationale.



International symposia of San Marino on SETI Extraterrestrial life and UFOs

The official government documents on UFOs



Nik Pope MoD
Ministry of Defence U.K.



Ministro Casali
RSM



Coll. Olivero RGS
Stato Maggiore Aeronautica Italia



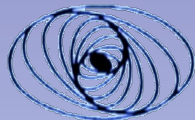
Prof. Almar: Seti Meti



AM Italiana: RGS



Pinotti e Prof. Drake



CUN Archive and Database sightings in Italy 1901- 2015

Archive SUF unified in 2000 to CUN





DATABASE CASISTICA UFOLOGICA CUN-SUF

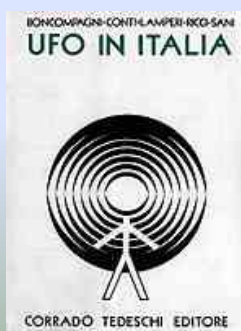


SUF - Sezione UFOlogica

ID	<input type="text" value="1"/>		
Anno	<input type="text"/>	Zona avvistamento	<input type="text"/>
Mese o periodo dell'anno	<input type="text"/>	Tipologia vegetazione	<input type="text"/>
Giorno o periodo del mese	<input type="text"/>	Siti particolari	<input type="text"/>
Ora	<input type="text"/>	Elettrodotti	<input type="text"/>
Minuti	<input type="text"/>	Vie di accesso	<input type="text"/>
Mezzi interposti alla visuale	<input type="text"/>	Condizioni meteorologiche	<input type="text"/>
Quota	<input type="text" value="UFO oltre 1 mt fino a 10 mt"/>	Vento	<input type="text"/>
Distanza dall'osservatore	<input type="text" value="Oltre 20 mt fino a 50 mt"/>	Fulmini	<input type="text"/>
Dimensione reale	<input type="text" value="Oltre 1 mt fino a 2 mt"/>	Durata avvistamento	<input type="text"/>
Dimensione apparente (a braccio disteso)	<input type="text" value="Da 1 mm a 2 mm"/>	Effetti su cose	<input type="text"/>
Scia	<input type="text" value="Non descritta"/>	Effetti su terreno	<input type="text"/>
Morfologia	<input type="text"/>	Effetti su piante	<input type="text"/>
Caratteristiche strutturali	<input type="text"/>	Effetti su animali	<input type="text"/>
Colore	<input type="text"/>	Effetti fisici sull'uom	<input type="text"/>



ROBERTO PINOTTI
**OGGETTI VOLANTI
 NON IDENTIFICATI**
 Nuovo rapporto su avvistamenti
 e ricerche in Italia



The "file of the fascist era: the V.N.C. Unconventional aircraft "(Italy, 1933)



Mod. 100-I

Indicazioni di urgenza ==ALFO== PRIORITY SU TUTTE LE PRIORITY		UFFICIO TELEGRAFICO DI MILANO TELEGRAMMA			Circuito sul quale si deve fare l'inizio del Telegramma ==RISERVATISSIMO==	
Il Comandante non assume alcuna responsabilità civile in conseguenza del servizio della telegrafia. Le tasse riscosse in nome per errore o la seguito a ritardi e impossibilità del destinatario devono essere completate dal mittente. Le tele si custodiscono nel servizio corrispondente al tempo medio dell'Europa centrale, e nei telegrammi interni di seguito da una mezzogiorno all'altra.		Spedito 13.6 ore 19 33-XI 17.07 per circuito N.		All'Ufficio di T U T T I Transmittente TR.C.88/1		
Qualità	Destinazione	Provenienza	N.	Parole	DATA DELLA PRESENTAZIONE Giorno e mese	Via d'incastellamento QZ
					Ore e minuti	Indicazioni speciali RIS

== D'ORDINE PERSONALE DEL D U C E DISPONESI IMMEDIATO DICESI IMMEDIATO ARRESTO DIFFUSIONE NOTIZIA RELATIVA AT AEROMOBILE NATURA ET PROVENIENZA SCONOSCIUTE DI CUI AT DISPACCIO STEFANI DATA ODIERNA HORE 7 ET 30 STOP DISPONESI INSTANTANEA RIFUSIONE EVENTUALI PIONERI GIORNALI RECANTI DATI NOTIZIA STOP PREVISTE MAX PENE PER TRASGRESSORI FINO AT DEPERIMENTO TRIBUNALE SICUREZZA DELLO STATO STOP DARE IMMEDIATA CONFERMA RICEVIMENTO STOP == DIR GEN AFFARI SPECIALI == FINE STOP

*Si dovranno a tutti le persone e belle.
I polli riprendi nella zona.
Nepes ogni versione. Mi fido. Le additare.
Indirizzo - un favore altro.
Mi fido per l'importanza di questo.
L'additare a tutti - belle la zone avere
del Mod. 100-I.*

*Ma qual amico
- tutti hanno rifugi
lungo rifugi - forse
i rifugi.
In amici?
In amici?
In questi rifugi in
altre zone?*

*583
Cordi*

**NO
COPIA**

Mittente: Agenzia Stefani - Milano

Mod. 100-I

Indicazioni di urgenza PRIOIRTY SU TUTTE LE PRIORITY		UFFICIO TELEGRAFICO DI MILANO TELEGRAMMA			Circuito sul quale si deve fare l'inizio del Telegramma ==RISERVATISSIMO==	
Il Comandante non assume alcuna responsabilità civile in conseguenza del servizio della telegrafia. Le tasse riscosse in nome per errore o la seguito a ritardi e impossibilità del destinatario devono essere completate dal mittente. Le tele si custodiscono nel servizio corrispondente al tempo medio dell'Europa centrale, e nei telegrammi interni di seguito da una mezzogiorno all'altra.		Spedito..... ore..... per circuito N.		All'Ufficio di..... Transmittente.....		
Qualità	Destinazione	Provenienza	N.	Parole	DATA DELLA PRESENTAZIONE Giorno e mese	Via d'incastellamento QZ
					Ore e minuti	Indicazioni speciali RIS

== D'ORDINE PERSONALE DEL D U C E DISPONESI ASSOLUTO SILENZIO SU PRESUNTO ATTERRAGGIO SU SUOLO NAZIONALE AT OPERA AEROMOBILE SCONOSCIUTO STOP CONFIRMASI VERSIONE PUBBLICANDA DIFFUSA DISPACCIO STEFANI ODIERNO STOP IDEE VERSIONE ANCHE AT PERSONALE ET GIORNALISTI STOP PREVISTE MAX PENE PER TRASGRESSORI FINO AT DEPERIMENTO TRIBUNALE SICUREZZA DELLO STATO STOP DARE IMMEDIATA CONFERMA RICEVIMENTO STOP = DIR GEN AFFARI SPECIALI = FINE STOP = =

**NO
COPIA**

RIS

RIS

Mittente: Agenzia Stefani - Milano



AL PREFETTO PER INTELLI

PREC ASS SU TUTTE LE PREC ASS CENTRO RADIO TELEGRAFICO TELEFONO UFFICIO TELEGRAFICO AEROPORTO DI LONATE POZZUOLO

URGENZA

PER URGENTISSIME DISPOSIZIONI VIGILANZA ULTERIORI SEGNALAZIONI TRASCRITTO SEGUENTE TRASMISSIONE ODIERNO PRESUNTO BALLO OSCURATO DI CARICOLI IN PUNTI ORE 12-30 SINDI 220 AEREO SCONOSCIUTO PER N E ALT ORE 15032 INVERTI NOTTA FUGGI VISTA SINDI 200 PREFETTO OLIVERI

PRIMA ZONA AEREA TERRITORIALE UFFICIO TELEGRAFICO MILANO

AERONAUTA MILANO PER INTELLIGENZA

PREFETTO MILANO MILANO

SSSS MILANESE AEREO PREC ASS MILANO VERIBILIA 93 63 29 1150

BO PUNTO INGIURIASI CHE ORE SINDICI IERI AEREO PROVENIENTE FRANCIA DOPO SORVOLATO PUNTA COMUNE ET ROCCIA CARPANE ALTEZZA METRI SEICENTO LOCALITA DIRIGEVASI ITALIA DIREZIONE SOLA GIUSTA ET BAIARDO PUNTO ZONA SULL'AVANTO IMPRONTATE PUNTO NEBBIA AT IMPEDITO RILEVARE NAZIONALITA ET PARTICOLARI PUNTO SEGNALAZIONE RITARDATA BANCAZZA REZZI COMUNICAZIONE PUNTO PREFETTURE SPECIA ET IMPERIA AVVERITE PUNTO COMANDANTE CENTURIA BILIZIA CONFINARIA CENTURIONE

UFO: towards to the Paradigm Shift

The media: magazines and newspapers

The emotional impact, the simulations as a test, production-oriented, the management of the "contact"



★ DOSSIER : LES EXTRATERRESTRES ENTRE SCIENCE ET CULTURE POPULAIRE — pages 11 à 15

Ecologie de pointe en Californie
par Agnès Sinaï — page 10

Le Nicaragua, trente ans après la révolution
par Hernando Calvo Ospina — pages 18 et 19

LE MONDE
diplomatique

juillet 2009 - 56^e année - N° 664 Publication mensuelle - 1, avenue Stephen-Pichon, 75013 Paris - www.monde-diplomatique.fr 28 pages - 4,50 €

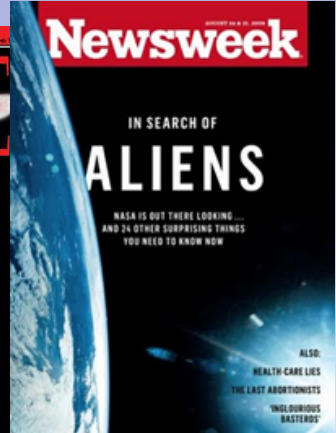
Les premiers pas de M. Obama

LÉGITIMITÉ RELIGIEUSE, LÉGITIMITÉ DÉMOCRATIQUE

Dans le chaudron du pouvoir iranien

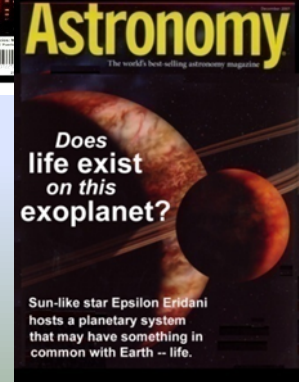
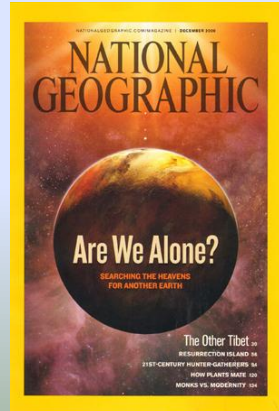
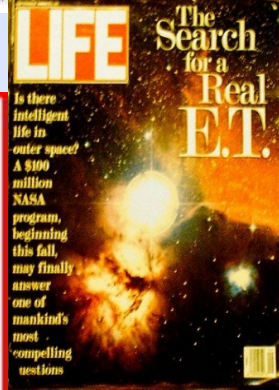
Après une absence de plus de quatre ans, un ambassadeur des Etats-Unis est de retour en Syrie. Parallèlement, Washington a intensifié ses pressions sur le gouvernement iranien pour obtenir l'arrêt total de la colonisation des territoires occupés. Israël est complot — une première — la reconnaissance du droit des Palestiniens à un Etat viable et la relance rapide de négociations de paix. Enfin, M. Barack Obama s'est dit disposé à un dialogue avec Téhéran sur tous les sujets d'intérêt commun.

de l'Irak à l'Afghanistan en passant par la question nucléaire et le conflit israélo-palestinien. Mais l'élection présidentielle iranienne du 12 juin, avec les fraudes, les manifestations, les morts et la violente répression des opposants, rend cette ouverture plus risquée. Et la crise, qui illustre les profondes divisions au sein même des élites gouvernantes, pourrait déboucher sur des surenchères nationalistes vis-à-vis de l'Occident, destinées à resserrer la population autour du pouvoir.



DOSSIER : LES EXTRATERRESTRES, ENTRE SCIENCE ET CULTURE POPULAIRE

Ovnis et théorie du complot



"Contact: Learning from Outer Space".

PANEL SESSION (MAIN PLENARY A) – 02:10 – 03:25



John Quelch,
Moderator



Zaghoul El Naggar,
Professor of Earth Sciences



Stanton T. Friedman,
Nuclear Physicist, Lecturer,
Author



Michio Kaku,
Professor of Theoretical
Physics, City University of New
York, Host of Sci FI Science on
the Discovery/Science TV
Channel



Nick Pope,
Author, Journalist



Jacques Vallee,
General Partner, SBV Venture
Partners

Contact: Learning from Outer Space

Psychological and socio-cultural assumptions and preconceptions constrain us to a large extent, and shape our views of the universe so that we are inclined to find what we are looking for, and fail to see what we are not. Using knowledge gained from research in the fields of Ufology and the search for extraterrestrial life, what might we possibly learn about hindrances to innovation in other areas of inquiry?

- Innovation and anthropomorphism, ethnocentrism and ego
- Falsification and the evidence of absence
- What Giordano Bruno would say



In the prestigious GFA (Global Competitiveness Forum), which was held on 23-24-25 and 26 January 2011 in Riyadh (Saudi Arabia), there was talk of UFOs and extraterrestrials. So in a context where participate the biggest characters in terms of the economic world, we talked about this sensitive topic.

During the Fifth Annual Meeting of the GFA they participated, as experts in the subject, these distinguished scientists and ufologists:

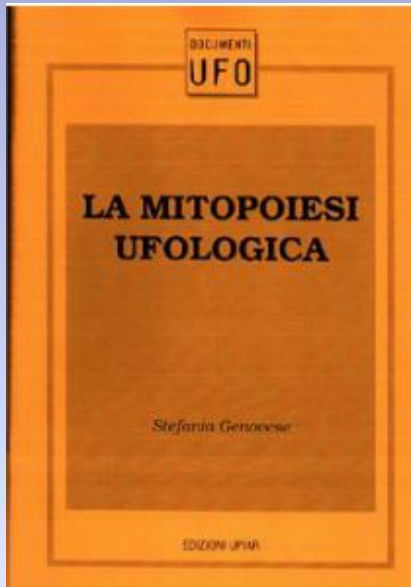
Zaghoul El Naggar (Professor of Earth Sciences), Stanton T. Friedman (Nuclear Physicist, lecturer and writer), Michio Kaku (Professor of Theoretical Physics at the City University of New York, TV host to SCI FI Science at Discovery / Science TV Channel), Nick Pope (writer and journalist) and Jacques Vallee (Franco Polish astronomer, writer and member of the SBV).

Their relationships were all focused on "Contact: Learning from Outer Space". That's how it was introduced the theme of which, later, the speakers have deepened with their relationships.

"The socio-cultural and psychological assumptions and preconceptions bind us to a large extent, including the form of our views of the universe, so that we may be inclined to find what you're looking for, and they can not see what we are not . Using the knowledge gained from research in the field of Ufology and in that of extraterrestrial life, what can we learn about obstacles to innovation in other areas of research?

- Innovation and anthropocentrism, ethnocentrism and ego? - Forgery and evidence of absence





The mythmaking UFO Thesis philosophy
University of Milan Stefania Genovese (1999)





Ministero dell'Istruzione, dell'Università e della Ricerca

22/06/2010

State examination a.s. 2009/2010 In the first line test

Are We alone?

Primo Levi, le foibe, la felicità - Fotoracconto E alla maturità sbarcano anche gli Ufo



Le tracce dei temi: lo scrittore per l'analisi del testo, gli eccidi del dopoguerra per la Storia, "piacere e piaceri" da Botticelli a D'Annunzio per l'artistico-letterario. Poi i giovani e la politica. E una riflessione dal titolo: "Siamo soli?" / [Commenta](#)

► La destra esulta: "Foibe, finito l'oscurantismo"
► LO SPECIALE MATURITÀ DI REPUBBLICA.IT
► ECCO IL TESTO INTEGRALE DELLE TRACCE DEL TEMA
► BLOG Allarme, un complotto contro Noemi di MARCO BRACCIO
► E tra i maturandi c'è anche Miss Italia



Maturità, le tracce dei temi: Primo Levi, le foibe, i giovani in politica. E gli Ufo

Fra le citazioni anche Mussolini accanto a Togliatti, Moro e Giovanni Paolo II. Piacere e piaceri da Botticelli a D'Annunzio



Balotelli si dà alla musica, Santon agli Ufo. E Noemi Letizia... ► Maturità, Skuola.net, rispetto agli anni scorsi meno fughe di notizie ► Ecco Miss Italia sui banchi di scuola: «La maturità? È una grande emozione» ► Simone, maturità con la chemio prima dell'orale ►

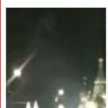
MATURITÀ PER MISS ITALIA. "HO SCELTO GLI UFO" -FOTO



Ha scelto il tema sugli Ufo Maria Perrusi, Miss Italia 2009, che stamattina ha sostenuto nell'istituto tecnico commerciale di Paola la prova scritta degli esami di maturità. Ha spiegato la sua scelta col fatto che la traccia sugli extraterrestri è quella che più la stimolava e le interessava. «Ho sempre creduto nell'esistenza degli extraterrestri - ha detto Miss Italia - perché sono convinta che non siamo soli nell'universo. Credo, anzi, che non sarebbe nemmeno molto bello se lo fossimo». Ad attendere Maria, all'uscita dall'istituto tecnico commerciale Pizzini, c'era la madre, più emozionata di lei. Maria Perrusi farà gli orali il 6 luglio. Presenterà una tesi sulla bellezza. Non soltanto su quella femminile, ha spiegato, ma anche nelle varie forme d'arte.

Costume

Maturità 2010: Ufo più forti delle indiscrezioni



Il Ministero aveva avvisato delle possibili "bufale" in Internet e smentito le indiscrezioni circolate sul Web alla vigilia della prima prova di italiano e le tracce della Maturità 2010, se confermate, hanno finito col dare ragione al dicastero Gelmini.

4. AMBITO TECNICO - SCIENTIFICO

ARGOMENTO: Siamo soli?

DOCUMENTI

«Alla fine del Novecento la ricerca dell'origine della vita sulla Terra era pronta a riprendere il cammino, o pienamente integrata fra gli obiettivi dell'esobiologia [= Studio della comparsa e dell'evoluzione della vita fuori del nostro pianeta], con un piccolo gruppo di biologi che continuavano a perseguire entusiasticamente la ricerca dell'universalità e uno status di pari dignità con le scienze fisiche che una biologia universale avrebbe portato con sé. In questa ricerca, però, essi si sarebbero dovuti scontrare con i biologi evuzionisti, molto pessimisti sulla morfologia, se non sulla stessa esistenza degli extraterrestri, che smorzavano, quindi, le aspirazioni di chi cercava di estendere i principi della biologia terrestre, con tanta fatica conquistati, all'universo nel suo complesso o di incorporare tali principi in una biologia più generale.»

Steven J. DICK, *Vita nel cosmo. Esistono gli extraterrestri?*, Milano 2002 (ed. originale 1998)

«Gli UFO: visitatori non invitati? In conseguenza delle pressioni dell'opinione pubblica, negli anni passati, furono condotte diverse indagini sugli UFO soprattutto da parte dell'aeronautica americana, per appurare la natura del fenomeno. [...] La percentuale, tra i presunti avvistamenti dei casi per i quali non è stato possibile addvenire a una spiegazione, allo stato attuale delle nostre conoscenze, è molto bassa, esattamente intorno al 1,5 - 2%. Questa piccola percentuale potrebbe essere attribuita in gran parte a suggestioni o visioni, che certamente esistono. [...] Sono numerose le ipotesi che possono spiegare la natura degli UFO. Si potrebbe, per esempio, pensare che all'origine di un certo numero di avvistamenti vi siano, in realtà, fenomeni geofisici ancora poco conosciuti, oppure velivoli sperimentali segreti, senza tuttavia escludere del tutto la natura extraterrestre. La verità è che noi non possiamo spiegare tutto con la razionalità e le conoscenze. [...] A quanto sembra, logica e metodo scientifico non sembrano efficaci nello studio degli UFO per i quali qualsiasi spiegazione è insoddisfacente e/o troppo azzardata.»

Pag. 7/7

Sessione ordinaria 2010
Prima prova scritta



Ministero dell'Istruzione dell'Università e della Ricerca

«Se fosse possibile assodare la questione mediante una qualche esperienza, io sarei pronto a scommettere tutti i miei averi, che almeno in uno dei pianeti che noi vediamo vi siano degli abitanti. Secondo me, perciò, il fatto che anche in altri mondi vi siano abitanti non è semplicemente oggetto di opinione, bensì di una salda fede (sull'esattezza di tale credenza, io arrischierei infatti molti vantaggi della vita).»

Immanuel KANT, *Critica della ragione pura*, Riga 1787 (1^a ed. 1781)

«Come si spiega dunque la mancanza di visitatori extraterrestri? È possibile che là, tra le stelle, vi sia una specie progredita che sa che esistiamo, ma ci lascia cuocere nel nostro brodo primitivo. Però è difficile che abbia tanti riguardi verso una forma di vita inferiore: forse che noi ci preoccupiamo di quanti insetti o lombrichi schiacciavamo sotto i piedi? Una spiegazione più plausibile è che vi siano scarsissime probabilità che la vita si sviluppi su altri pianeti o che, sviluppatasi, diventi intelligente. Poiché ci definiamo intelligenti, anche se forse con motivi poco fondati, noi tentiamo di considerare l'intelligenza una conseguenza inevitabile dell'evoluzione, invece è discutibile che sia così. I batteri se la cavano benissimo senza e ci sopravviverebbero se la nostra cosiddetta intelligenza ci indurrà ad autodistruggerci in una guerra nucleare. [...] Lo scenario futuro non somiglierà a quello consolante definito da STAR TRECK, di un universo popolato da molte specie di umanoidi, con una scienza ed una tecnologia avanzate ma fondamentalmente statiche. Credo che invece saremo soli e che incrementeremo molto, e molto in fretta, la complessità biologica ed elettronica.»

Stephen HAWKING, *L'universo in un guscio di noce*, Milano 2010 (ed. originale 2001)

«La coscienza, lungi dall'essere un incidente insignificante, è un tratto fondamentale dell'universo, un prodotto naturale del funzionamento delle leggi della natura, alle quali è collegata in modo profondo e ancora misterioso. Ci tengo a ripeterlo: non sto dicendo che l'*Homo sapiens* in quanto specie sia iscritto nelle leggi della natura; il mondo non è stato creato per noi, non siamo al centro del creato, né ne siamo la cosa più significativa. Ma questo non vuol dire neanche che siamo completamente *privi di significato*! Una delle cose più deprimenti degli ultimi tre secoli di scienza è il modo in cui si è cercato di emarginare, rendere insignificanti, gli esseri umani, e quindi alienarli dall'universo in cui vivono. Io sono convinto che abbiamo un posto nell'universo, non un posto centrale, ma comunque una posizione significativa. [...] Se questo modo di vedere le cose è giusto, se la coscienza è un fenomeno basilare che fa parte del funzionamento delle leggi dell'universo, possiamo supporre che sia emersa anche altrove. La ricerca di esseri alieni può dunque essere vista come un modo per mettere alla prova l'ipotesi che viviamo in un universo che non solo è in evoluzione, come dimostra l'emergere della vita e della coscienza dal caos primordiale, ma in cui la mente svolge un ruolo fondamentale. A mio avviso la conseguenza più importante della scoperta di forme di vita extraterrestri sarebbe quella di restituire agli esseri umani un po' di quella dignità di cui la scienza li ha derubati.»

Paul C.W. DAVES, *Siamo soli? Implicazioni filosofiche della scoperta della vita extraterrestre*, Roma-Bari 1998 (1^a ed. 1994)



INTERNET: by 2007, the web is used to convey government records data on UFOs



MOD home | defence for... | about defence | defence news | A - Z index | contact us | help

defence | **freedom of information**

UFO Reports 1997 -2007 in the UK
UFO Reports 1997-2007 in the UK, showing dates and times, location and a brief description of sightings.

- **UFO Report 2007 PDF [29.2 KB] (added 5 Feb 08)**
- **UFO Report 2006 PDF [14.0 KB] (added 16 Feb 06)**
- **UFO Report 2005 PDF [18.0 KB] (added 16 Feb 06)**
- **UFO Report 2004 PDF [13.4 KB] (added 16 Feb 06)**
- **UFO Report 2003 PDF [16.5 KB] (added 16 Feb 06)**
- **UFO Report 2002 PDF [15.0 KB] (added 16 Feb 06)**
- **UFO Report 2001 PDF [24.9 KB] (added 25 Apr 07)**
- **UFO Report 2000 PDF [33.8 KB] (added 04 Jun 07)**
- **UFO Report 1999 PDF [37.2 KB] (added 04 Jun 07)**
- **UFO Report 1998 PDF [37.7 KB] (added 29 Jun 07)**
- **UFO Report 1997 PDF [54.2 KB] (added 04 Dec 07)**

Freedom of Information in this section:

- Disclosure Log
- How to make an official request under FOI
- Publication Scheme

Related Links

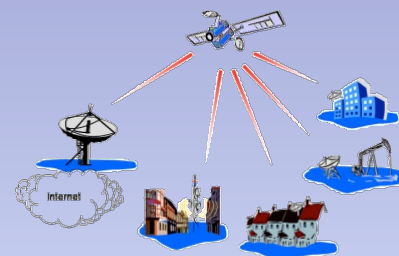
- Freedom of Information
- Access Online conversion tools for Adobe PDF documents

External Links

- Access Online conversion tools for Adobe PDF documents

Author: DAS
Owner: Ministry of Defence
Date document created: 16 Feb 06
Date released proactively: 16 Feb 06
Date last updated: 12 Feb 09
Freedom of Information Information class: Unidentified Flying Objects
Freedom of Information Organisation area: Directorate of Air Staff

Accessibility | Freedom of Information | Copyright | Your Privacy | Security Policy | Directgov



cnes **GEIPAN**
Group of studies of unidentified flying objects phenomena

Reception
What the GEIPAN documentation is for
Statistics
Contact

New files
Opening of the gate of information of the GEIPAN files from 2001 reveals an accurate right now representing a great part of the group observations made during 20 last years.

The GEIPAN
the group of studies and information on the not identified aerospace phenomena

Since the night of times, the man look with interest, even with fear, the phenomena of all observable types in the sky. And since the night of times, the manifestations of the sky are the subject of the most various interpretations, based on the belief in higher entities or divine powers.

Thus for example, in Greek mythology, the natural phenomena such as the wind, the storm, the lightning were caused by the gods who expressed their approval or their anger with respect to the intrigues of the common run of people.

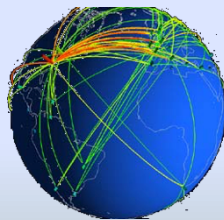
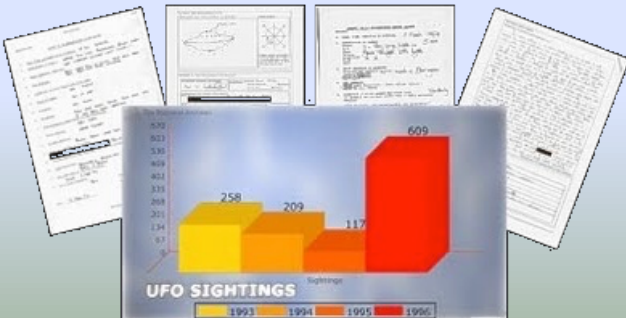
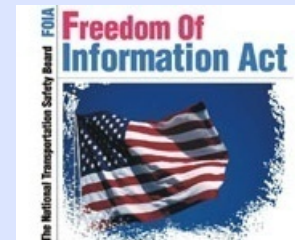
Thanks to his research and to his discoveries, the man could demystify considerable these phenomena and look further into the knowledge of his environment, but the appearance, at the XXème century, of new techniques, new means of exploration, and consequently, of new machines circulating in space, caused new interrogations.

To answer the interrogations and writings of the population vis-à-vis the not identified aerospace phenomena (NIAP), one of the missions is thus entrusted to Geipan

UFO, OPI, SIEET

The acronym UFO (Flying Object not identified) is the translation of English term UFO (Unidentified Flying Object). The examination of testimonies and the results of the investigations show that this term is generally unsuitable: in the majority of the cases, the observations describe a known or unknown phenomenon, generally luminous but without proof of the presence of a materialized object. The use of the term general SIEE (Aerospace Phenomenon not identified) is thus more suitable.

update: March 2007



The National Archives | Contact us | Help | A to Z index | Site search | Accessibility

Home | About us | Visit us | Research, education & online exhibitions | Search the archives | Services for professionals | News | Shop online

You are here: Home > UFOs

Newly released UFO files from the UK government

Newly released UFO files
The files contain a wide range of UFO-related documents covering the years 1978-2002. So if you want to find out more about lights in the sky over Waterloo Bridge, near misses by pilots, crop circles - and what the UK government thought of it all - this is the place to start. The

Background material
Start your own UFO research by reading Dr David Clarke's guide to the newly released files. Discover the history of government UFO investigations and find out where the new files fit in.

Existing UFO files
The National Archives holds other UFO files that have already been released by the Ministry of Defence. You can download these in PDF format for a small fee. The files contain details of numerous UFO sightings as well as Winston Churchill's views on UFOs.

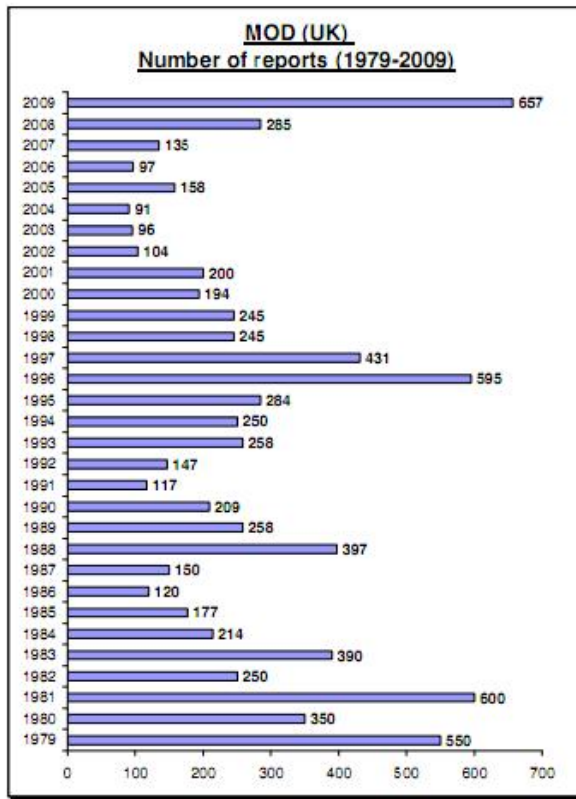
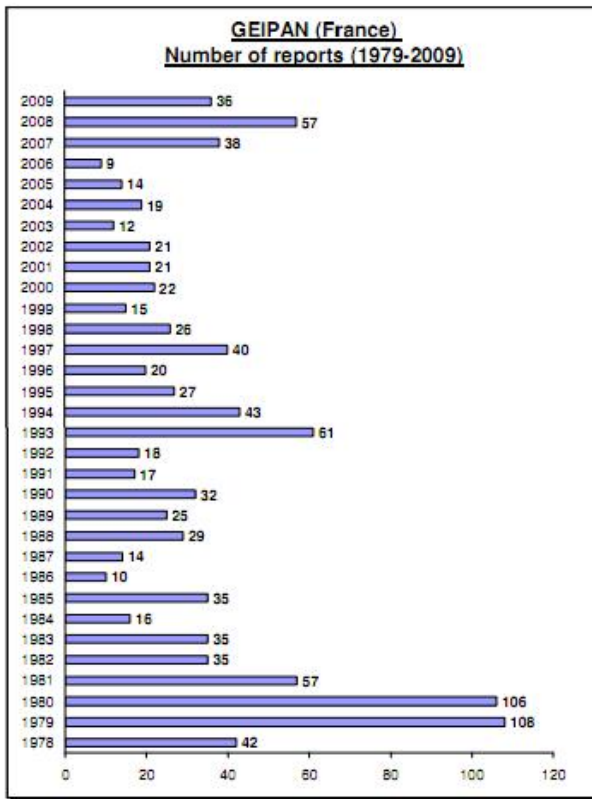
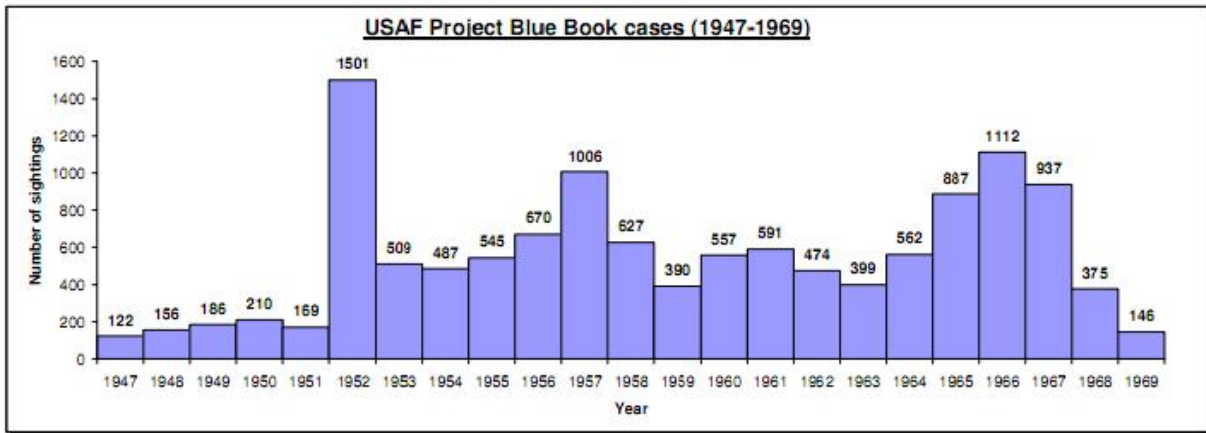
Air Ministry Secret Intelligence Summary

SECRET

ING SAUK

REPORT

L'European Space Policy Institute: "UFO's and Exogenous Intelligence Encounters"



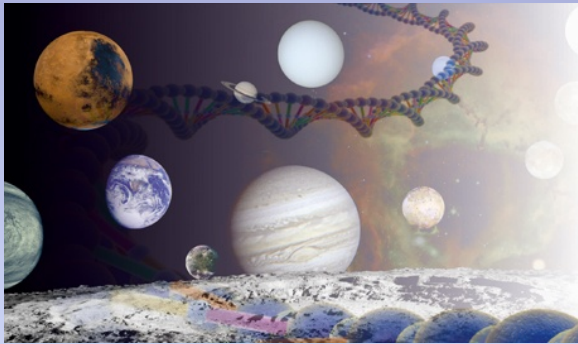
Official number of UFO reports transmitted to the Authorities.
(Sources: USA: Blue Book' statistics, France: CNES website, United Kingdom: Ministry of Defence website)



2012-2013 University of Edinburgh, at the start a free online course to learn all about UFOs and aliens



 The University of Edinburgh
School of Physics & Astronomy



La sede dell'Università di Edimburgo



Prof. Charles Cockell

For fans of UFOs and aliens are receiving a great innovation by the University of Edinburgh, in Scotland: it comes to lessons in digital form, through which it is possible to deepen the study of the new worlds and their alien life. Topics so far treated some ufologist or hunter extraterrestrials do it yourself, but never offered a specific course of study. A true "sort of introduction astrobiology, field of study that deals with questions of wide interest."

More specifically, this course on UFOs and aliens is part of a particular project.

The University of Edinburgh, in fact, is the first in the UK to be part of a consortium sponsored by Stanford University in California, so that, to those who are willing, are offered free lessons and computer systems on any topic. Other renowned universities that have joined this initiative are those of Princeton and Berkeley. So far this group, called Coursera, has organized courses for over 650,000 students, belonging to over 190 countries.

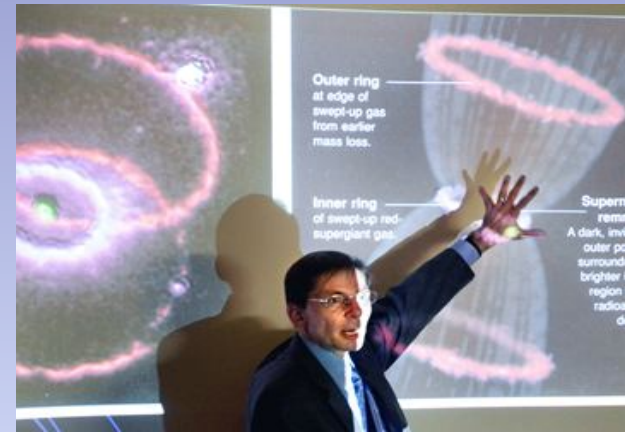
The lessons of UFOs and aliens will be coordinated by the Director of the Center for Astrobiology in the UK, Charles Cockell. They held all over in five weeks, for a commitment by the students of only four hours a week. "We will study - says the teacher who will take care of the course - some of the space missions involved in the search for life in our solar system, but also on planets orbiting distant stars." Not only that, the topics will be many others: for example, the origin and evolution of the Earth or the implications that alien life may have in our society.

Astronomers lecture on UFOs



The grounds of the David Dunlap Observatory

Canada



Astronomer Ian Shelton

Astronomers of the David Dunlap Observatory in Richmond Hill, Ontario (Canada) said that UFOs are real, at least in regard to the unidentified flying objects that were seen in the skies. However, their series of lectures focused on "whether there is life elsewhere this planet." This is a question I think is still unanswered.

Astronomer Clay Sherrod Explores UFOs in Presentation at Pensacola State College's



Noted astronomer P. Clay Sherrod explores the phenomenon of unidentified flying objects (UFOs) at 6:00 p.m. Saturday, Oct. 3, at Pensacola State College's Hagler Auditorium, Building 2, on the Pensacola campus.



Non siamo soli nell'universo. La Chiesa ha affidato agli astronomi pontifici la ricerca e lo studio di Et e di altri mondi

L'extraterrestre sbarca in Vaticano

La Santa Sede apre agli Ufo, una conferenza nella parrocchia di Sant'Anna

Maurizio Piccirilli
m.piccirilli@iltempo.it

■ Extraterrestri in Vaticano. Le astronavi aliene non sono, ancora, atterrate in piazza San Pietro, ma nella chiesetta di Sant'Anna, all'interno della Città leonina. L'altra sera si è parlato di Ufo. Alla pontificia parrocchia, l'associazione «Mercoledì culturali» ha fatto il punto sugli oggetti volanti non identificati, alla presenza di una platea appassionata. Alla conferenza ha assistito anche il padrone di casa, il parroco di Sant'Anna, padre Bruno Silvestrini appassionato di mezzi tecnologici.

«La nostra presenza in Vaticano - ha spiegato l'ingegnere Alfredo Magenta presidente del gruppo Uit Onu, esperto di ufo - è dovuta al fatto che la Santa Sede è aperta a tutte le voci. Ma allora, ha chiesto il



non sono ancora maturi i tempi per farlo». E allora, ha insistito il pubblico, tutti gli avvistamenti? «Non parliamo di folletti ma se vediamo qualche oggetto non identificato - ha ammonito l'ufologo - non pensiamo di essere matti. Segnaliamoli alle forze dell'ordine rimanendo coi piedi per terra».

Anche la Chiesa non è rimasta indifferente al fenomeno degli Ufo e, sopratt-

non è rimasta a guardare. Anzi, come ha ragguagliato il segretario del Centro Ufologico Nazionale, è stato «Andreotti in persona a chiedere all'Aeronautica di seguire gli ufo. Perfino Faréfuturo, la fondazione di Gianfranco Fini, ci ha dedicato spazio. Ciò significa che il fenomeno è importante anche per le forze politiche». In attesa del prossimo avvistamento, si san-

→ Ieri il giuramento nell'anniversario del Sacco di Roma



Convegno Studiosi a Sant'Anna a discutere di scoperte spaziali e alieni

Quando la teologia incontra E.T.

di MARIA EGIZIA FIASCHETTI

Ufo, E.T. e Cristo: accostamento azzardato, se non fosse che a discutere di avvistamenti alieni e creazionismo non sono Steven Spielberg, la Nasa o i servizi segreti, ma un gruppo di studiosi che, ieri, si è riunito nella Pontificia Parrocchia Sant'Anna in Vaticano. Non è la prima volta che, all'ombra del Cupolone, si affrontano questi argomenti. La novità è che è calato il riserbo: questa incontri a porte chiuse, per addetti ai lavori, è largo al pubblico.

CONTINUA A PAGINA 10



'Would You Baptise an Extraterrestrial Guy Consolmagno New President of Vatican Observatory Foundation

R.I.V. Res Inesplicata Volantes



24 ORE DO MEN ICA
Data 02-12-2012
Pagina 35
Foglio 1 / 2

DIO & GLI UFO

Una fede extraterrestre

L'esistenza di forme di vita intelligente nell'universo non è incompatibile né con la teologia né con la scienza

di Gianfranco Ravasi

Kepler, scardinando con Copernico il geocentrismo, s'era convinto dell'esistenza di una pluralità di mondi abitati. Kant l'aveva seguito senza esitazione e il mistico svedese Emanuel Swedenborg nel Settecento ne aveva, a suo dire, raccolto i messaggi spirituali a tal punto da fondare una sorta di religione che ha ancor oggi una sua espressione nella "Swedenborg Foundation" di West Chester in Pennsylvania. Questa deriva si sarebbe allargata a delta, a partire dal 1947 fino ai nostri giorni con l'ingresso degli Ufo e le relative stravaganti attestazioni destinate a generare le "religioni ufologiche" come i Raelliani e le loro bizzarre teorie sugli "elohim extraterrestri". Per non parlare poi dei rapimenti di terrestri a opera di navi spaziali pilotate da esseri simili a ectoplasmici e così via in una sferzata di testimonianze bislacche, naturalmente confluenti in un filone cinematografico di grande successo.

Si configurava, così, un orizzonte pseudoscientifico-teologico nel quale si versavano tesi reincarnazioniste, olistico quantitativo, fantastronomia, esoterismi vari, paranormale e stati psicofisici preternormali, esperienze di morte apparente in una miscela imbandita in allestiti contenitori da immettere nelle banarelle digitali di Internet. Certo, ci fu anche l'intervento della scienza vera che aprì il capitolo dell'esobiologia e avviò quel progetto Seti («Search for Extraterrestrial Intelligence») che da oltre un quarantennio cerca - finora invano - di captare segnali radio provenienti dal cosmo e indizi di forme di

vita intelligente extraterrestri. Noi, però, non siamo ora interessandoci di questa fenomenologia per ragioni sociologiche o scientifiche, ma per un approccio squisitamente teologico cristiano.

Prescindendo, quindi, dalla probabilità dell'esistenza di altre forme di vita intelligente nell'universo, cosa che non cozzerebbe né con la scienza né con la tradizionale teologia naturale, la nostra domanda punta invece al cuore della teologia cristiana che è dominata dalla figura di Cristo, il Dio che diventa uomo in questo mondo e che conduce l'umanità limitata e peccatrice alla redenzione. È quella che tecnicamente è chiamata l'"incarnazione". A chi volesse inoltrarsi in un simile capitolo della teologia che genera curiosità e ogni tanto affiora a livello anche giornalistico, noi suggeriremmo innanzitutto la sintesi che un teologo-scienziato, Giuseppe Tanzella-Nitti, ha approntato in una voce storico-teorica "Vita extraterrestre" del Dizionario Interdisciplinare di Scienza e Fede (Città Nuova - Urbaniana University Press, 2002, vol. I, pagg. 591-605). Ora, però, si è aggiunto un saggio vero e proprio che considera il tema come una "sfida alla fede cristiana": autore è un docente di teologia presso la Ludwig-Maximilians-Universität di Monaco, Armin Kreiner, che sollecita la curiosità dei lettori con la pur scontata domanda: «Siamo soli nell'universo?».

Dopo aver raccolto tutto il dossier "ufologico" e averlo posizionato sull'asse cristiano, raccogliendo la massa enorme di materiali eterogenei che sostanziano quel fascicolo, egli affronta la questione capitale che è nel titolo, ossia Gesù e gli alieni, proponendo una cristologia in prospettiva cosmica, consapevole di incappare le acque teologiche e di creare "irritazioni cristologiche". La sua tesi è, tutto sommato, abbastanza semplice: se vogliamo accogliere la sfida lanciata alla teologia cristiana dall'eventuale esistenza di un'umanità extraterrestre, dobbiamo rielaborare il concetto classico di "Incararnazione", liberandolo dal suo nesso esclusivo col peccato umano che verrebbe per questa via redento. Dovremmo, invece, impostarlo sulla tesi di san Bonaventura e Duns Scoto per i quali l'Incararnazione è la pienezza del rapporto tra Dio e il mondo, iniziato con la creazione. Detto in altri termini, Dio entra nell'umanità non tanto per la contingenza della scelta peccatrice della creatura libera, quanto piuttosto per portarla

a compimento il suo progetto creativo globale e il suo legame con le creature, in particolare quella umana.

In questa linea l'Incararnazione diverrebbe non più una realtà storica singolare, ma

Armin Kreiner

GESÙ, GLI UFO E GLI ALIENI
L'intelligenza extraterrestre come sfida alla fede cristiana



Armin Kreiner, Gesù, gli UFO e gli alieni, a cura di Andrea Aguti, Queriniana, Brescia, pagg. 272, € 22,50

L'OSSERVATORE ROMANO
GIORNALE QUOTIDIANO POLITICO RELIGIOSO
L'incisivo e il nuovo
Nata per il futuro

pagina 8

Il rapporto tra astronomia e fede in un'intervista a padre Funes, direttore della Specola Vaticana

L'extraterrestre è mio fratello



Would You Baptize an Extraterrestrial?

... AND OTHER QUESTIONS FROM THE ASTRONOMERS' IN-BOX AT THE VATICAN OBSERVATORY



Guy Consolmagno, SJ
and Paul Mueller, SJ

Cardinal Gianfranco Ravasi
Theologian Biblist Judaist
President of the Pontifical
Council of Culture



Proposal protocols Contact by R. Pinotti Secretary C.U.N. and speaker C.E.T.I.



PROTOCOLS for the establishment of the Initial Contact with Extraterrestrials already present on Planet Earth

Version 1.03 – February 15th, 2015

C.U.N. - Centro Ufologico Nazionale

Firenze, Italy

coordinamento@centroufologiconazionale.net

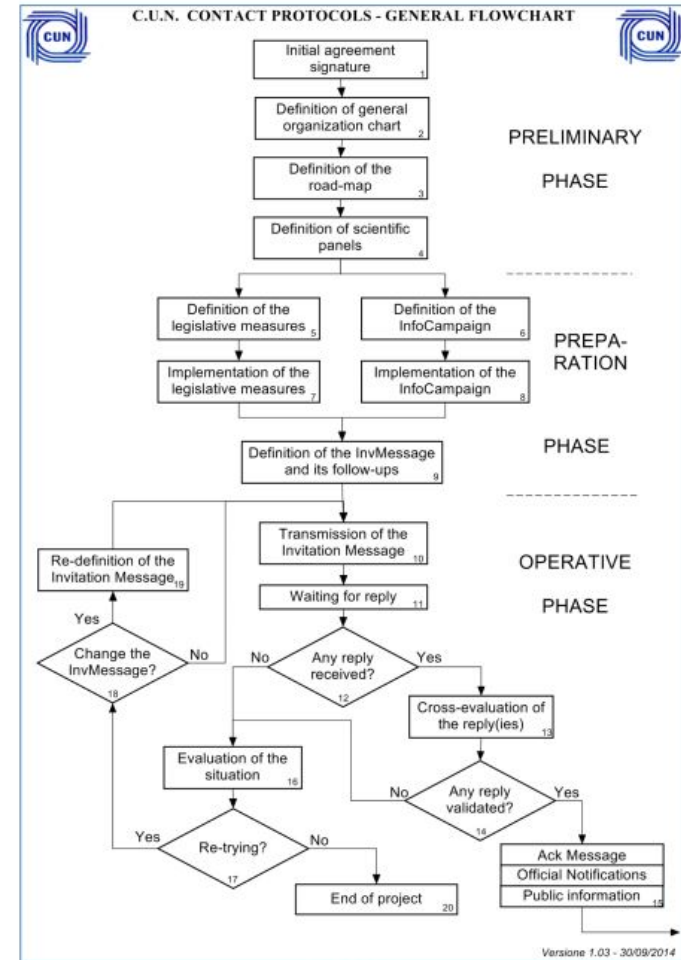


Contact with Extraterrestrials Think-Tank Italy



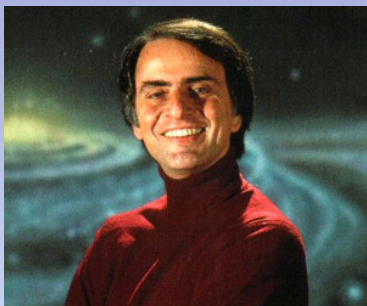
PROTOCOLS for the Initial Contact with Extraterrestrials – Annex D - General Flowchart

Annex D - General Flowchart of the Initial Contact Process



We've been visited?

But it was impossible to get on the planet according to the principle of long distances even traveling at the speed of light?



Carl Sagan

26 november 1962

Page 6 THE STARS AND STRIPES Monday, November 26, 1962

Prof Says Beings From Outer Space Have Visited Earth

LOS ANGELES (AP)—Some of the best scientific minds in the country were stumped when a slender, dark-haired young man chalked on the blackboard this equation:

$$N = R \cdot F \cdot P \cdot N_e \cdot F_L \cdot F_{CI} \cdot F_C \cdot L$$

The speaker was Dr. Carl Sagan, a 28-year-old assistant professor of astronomy at Harvard University.

His audience consisted of several hundred members of the American Rocket Society, gathered for his luncheon address.

The equation was his way of expressing the mathematical probability that intelligent beings from outer space have visited earth.

Sagan soberly explained that in his equation N stands for the number of advanced technical civilizations in the universe possessing the capability of interstellar communication.

R is the mean rate of star formation averaged over the lifetime of the galaxy.

F_P is the fraction of stars with planetary systems.

N_e is the mean number of planets in each system with environments favorable for the origin of life.

F_L is the fraction of such planets on which life does develop.

F_{CI} is the fraction of such inhabited planets on which intelligent life with manipulative abilities rises during the lifetime of the local sun.

F_C is the fraction of planets populated by intelligent beings on which an advanced technical civilization rises.

And L is the lifetime of this technical civilization.

Sagan said information in his formula is based on current estimates by astronomers. In making calculations, he assigned each symbol an arbitrary numerical value.

As expressed in numbers, Sagan said, the formula means that at least 1 million of the 100 billion stars in our Milky Way galaxy have planets which have developed civilizations capable of travel between the stars.

"Let's say that each of these civilizations sends out one interstellar expedition per year," he said.

"That means that every star, such as our sun, would be visited at least once every million years. In some systems where these beings found life, they would make more frequent visits. There's a strong probability, then, that they have visited earth every few thousand years.

"It is not out of the question that artifacts of these visits still exist or even that some kind of base is maintained, possibly automatically, within the solar system, to provide continuity for successive expeditions.


"Because of weathering and the possibility of detection and interference by the inhabitants of earth, it would be preferable not to erect such a base on the earth's surface. The moon seems one reasonable alternative.

"Forthcoming photographic reconnaissance of the moon from space vehicles—particularly of the back—might bear these possibilities in mind."

At a news conference, Sagan predicted man himself would be capable of interstellar flight at close to the speed of light "within a century or two."

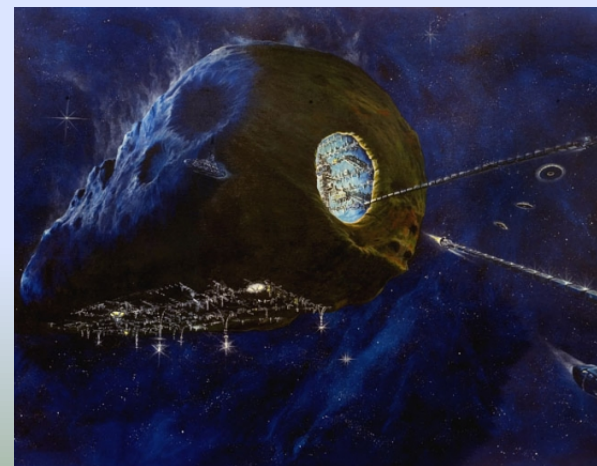
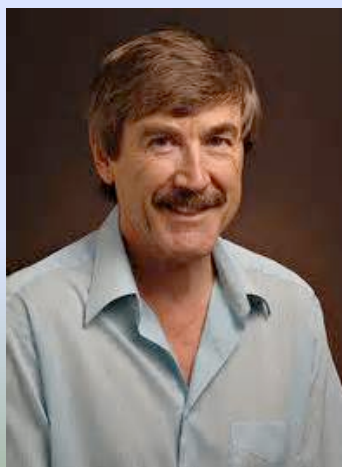
Asked if he believed in flying saucers, he said: "I do believe there are objects which have not been identified."

CELEBRATE 350 YEARS



THE ROYAL SOCIETY

Paul Davies "Footprints of Alien Technology" on the Moon, Planet Earth and Asteroid



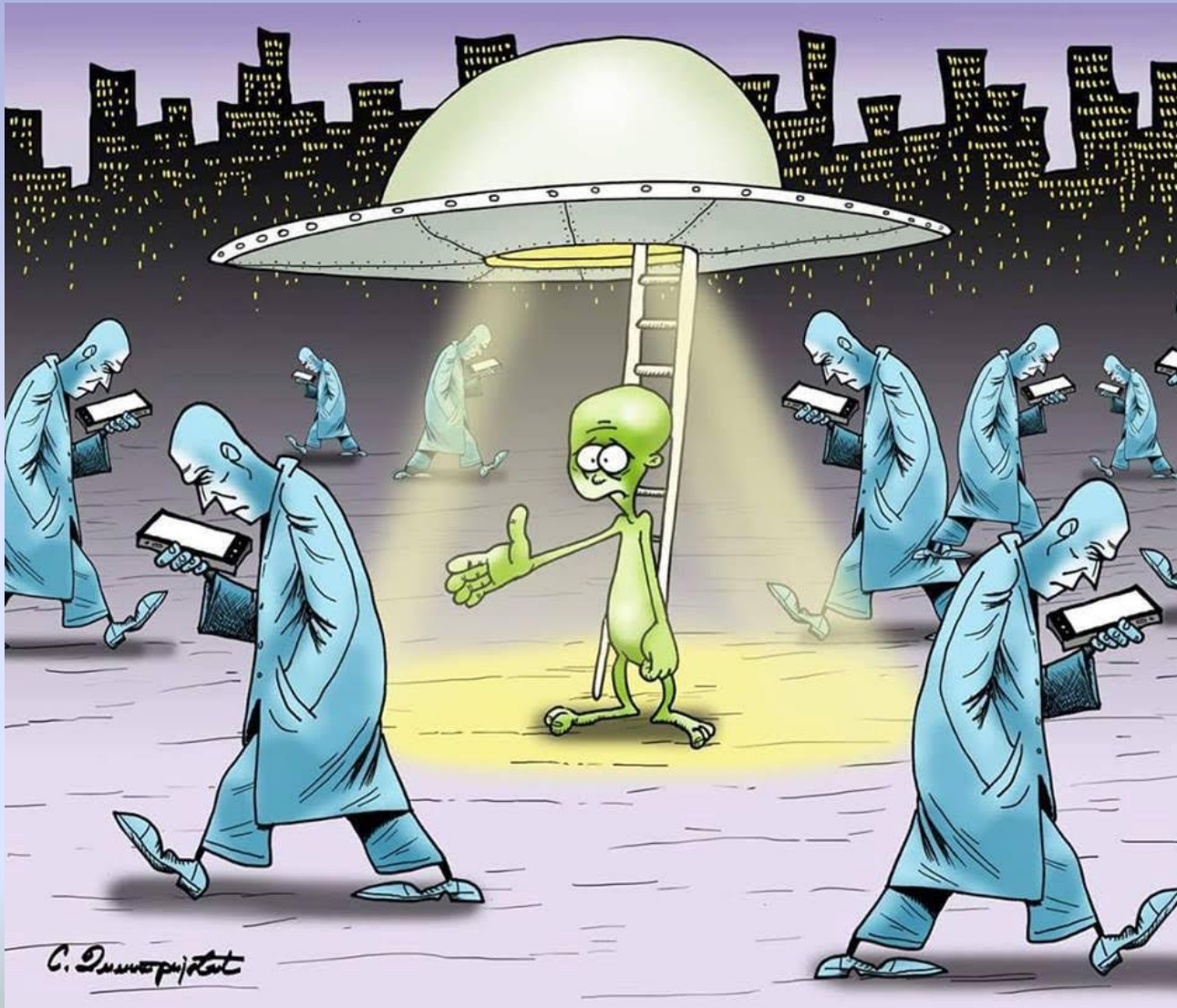
Stephen Hawking: Intelligent Aliens Could Conquer or Colonize or Destroy Humanity,



"If aliens were able to visit Earth, that would mean they would have technological capabilities sophisticated enough not to need slaves, food or other planets," she added. The new Breakthrough Listen initiative is scheduled to operate for 10 years and will search for signs of non-naturally occurring communications in both radio frequencies and laser transmissions. The initiative will scan the 1 million stars closest to Earth in the Milky Way, as well as the 100 closest galaxies.



But now today, after the digital revolution,
what would you do
in case of arrival of extraterrestrials?



Thank you all

