



Space Heroes, Monsters and Far-Far Out Worlds

This is the first of a series of articles in which PIZZAZZ will be taking a look at the best of the sci-fi flicks: the current box office smashes, the classics that pop up again and again on TV, and the rare oldies you won't often get a chance to see. So stand by for outer space, inner space, the infinite, the infernal and the shape of things to come.

The PIZZAZZ Illustrated History of Science Fiction In the Movies, Part l

by Sheldon Bart

Where earth meets the stars, where strange creatures from time and space duel for the cosmos, where the known meets the unknown—that's the realm of science fiction and some of the best movie-making in the world has been devoted to bringing all of these things to the screen in their most exciting and startling



WARP 1, STAR GOALS

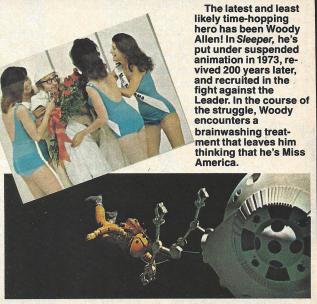
Sci-fi heroes, like all heroes, have aims. But the aim of sci-fi heroes is always cosmic. Dirty Harry may be trying to clean up San Francisco. James Bond may be trying to save merry old England and/or democracy. But sci-fi heroes have a harder job. They have to save a planet, and

that's if they're lucky.
Sometimes they have to save a galaxy!

Luke Skywalker is a classic sci-fi hero: he's called upon to fight an evil Galactic Empire. All good sci-fi heroes have a number of comrades-at-arms, but Luke's cohorts are in a class by themselves. Who else rockets into battle with a beautiful princess, a mystic knight, two irresistible robots, a pirate and a Wookie?

Forty-one years before "Star Wars," Flash Gordon blasted off to save Earth from Ming the Merciless, Emperor of the planet Mongo. Flash's partners included one beautiful girl (Dale Arden), one muscular prince (Prince Barin), and one brilliant scientist (Dr. Zarkov). Zarkov's resources were

limitless. In Flash Gordon Conquers the Universe Flash and Zarkov are sneaking up to a cave where Dale is being held captive by wild men. Zarkov listens to the mumbo jumbo, then turns to Flash and says "They speak a language similar to that of an ancient tribe in Mongolia long since extinct. I speak it fluently."



Sci-fi heroes sometimes have the fate of entire civilizations on their shoulders, too. A lot was riding on the Man vs Machine battle fought by Keir Dullea as astronaut Dave Bowman in 2001: A Space Odyssey—if Dave hadn't pulled the plug on HAL-9000, he would never have been able to reach Jupiter and contact the cosmic intelligences who left their monoliths for us.





form. Renowned directors and imaginative special effects people have gotten together to create giant rocket-propelled star ships, futuristic cities filled with a dazzling skyline of domes, diamond spires and airmobiles, and hordes of fantastic creatures: ape men, wolf men, gill men, mole men, invisible men, human flies, man-made men, vampires, giant ants, giant spiders, giant squids, giant apes, giant giants, walking vegetables, walking zombies, dinosaurs, dragons, knobblylegged mutants, and bug-eyed aliens. They've shown us future technologies, from allpowerful computers to laser swords; future cataclysms from flying saucer invasions to worlds in collision; future amusements, from deadly sports like rollerball to robot-equipped amusement

parks like Westworld; and future excursions, from beyond Jupiter to the center of the earth. Shrinking men, time machines, undersea cities, robots—anything that might happen, has happened in sci fi movies.

What is it that makes sci-fi films different from all others? Practically every kind of movie - western, private eye flick, spy movie, war movie, swashbuckler - has good guys to root for, bad guys to hate, and plots full of conflict. Scifi films are no exception on this score. But if these three things are what movies are about, if these are the basics, then sci-fi films are different because in sci-fi at least one of these three basic ingredients is always WARPED.



WARP 2. the "AHHHHH!" FACTOR

In sci-fi movies the bad guy is not only bad, he's unspeakably horrible. The typical sci-fi baddie is 40 feet tall with 15 eyes, scales, fangs, claws and fiery breath. The louder the screams when he (it) appears, the badder he (it) is.

And if he (it) is any good (bad) at all, he'll (it'll) be back in four more sequels.

Frankenstein and Dracula, of course, are the grand old ghoul-fathers of sci-fi monsterdom. You can see the original Frankenstein a million times and still get chills up and down your spine when Boris Karloff makes his entrance. Karloff, by the way, finally got to play Dr. Frankenstein (actually a great-great-grandson of the monster maker) and create his own monster in the not-so-wellremembered Frankenstein

Bela Lugosi, the Classic Dracula, had 'em gasping in the aisles when he

on Broadway in 1927 (a nurse had to stand by at each performance) and when he appeared, fangs, cape and coffin in front of the movie cameras in 1931, his film *Dracula* became Universal Picture's biggest box office smash of the year. There have been more Frankenstein and Dracula sequels than John-Boy Walton has brothers and sisters.

Christopher Lee established himself as the reigning vampire king in the fiendishly gory Dracula series produced by Britain's Hammer Films.



King Kong and Godzilla hold the records for the screen's most durable family-sized monsters. The original —1933 — Kong has some great fights with dinosaurs back on Skull Island before he leaves for New York and the Empire State Building. The 1976 Kong has the World Trade Center and no dinosaurs. You decide who got the better deal. Dino De Laurentis built a 40-foot Kong for the new version, but it wasn't used much because a gorilla suit with a fellow named Rick Baker inside was much more realistic. For shots of the delovely Dwan (Jessica Lang) being courted by the Amorous Ape, they built a special 5 feet 11 inches long hand (A Big Hand for the Little Lady?).









Test your retro memory circuits on these stellar puzzlers. Answers in next month's PIZZAZZ when we bring you the second part of SCI-FI IN THE MOVIES: THE MONSTERS!!

1) THX 1138 is

people.

for big budget sci-fi.

- a) The sci-fi film George Lucas made before Star Wars
- b) Darth Vader's Battlecruiser code
- c) The antidote to Farenheit

WARP 3, WEIRD OPEN SPACES

This is the bizarre factor. Sci-fi

conflicts take place in weird set-

tings. (Where no location camera crew has gone before!) Far-out

places accessible so far only by

the imagination—and the pow-

ers and abilities of special effects

Sci-fi movie making took a giant step forward in The Planet of the Apes. Here was a good idea: monkeys running the world, mon-keys in government, monkeys on horseback,

monkeys making monkeys out of themselves. People could relate to that. Four fast sequels

and a TV series, plus the success of 2001, showed Hollywood that people were ready

d) An income tax form for R2-D2

- 2) Dr. Heywood Floyd
 - a) Turned into a wolf
 - b) Followed UFO's to Devil's Tower, Wyoming
 - c) Investigated a monolith on the moon
 - d) Taught King Kong how to whistle
- 3) In Zardoz.
 - a) Charles Bronson plays a soldier
 - b) Robert Redford plays a sailor
 - c) Mel Brooks plays a saxophone
 - d) Sean Connery plays an exterminator
- 4) Han Solo's starship is
 - a) The Soylent Green
 - b) The Jefferson Airplane
 - c) The Maltese Falcon
 - d) The Millennium Falcon

- 5) The 2001 heme is a piece of classical music called a) Also Sprach Zarathustra
 - b) Auf Wiedersehen
 - c) Eine Kleine Nachtmusik
 - d) Highway 61 Revisited
- 6) In the original Godzilla, a scientist got the best of the big reptile by
 - a) reading the Encyclopaedia Britannica to him and inducing sleep
 - b) Following him into the ocean and removing the oxygen from the water
 - c) following him into the mountains and starting an avalanche
 - d) driving a stake through his heart
- 7) Larry Talbot is a
 - a) vampire
 - b) wolf man
 - c) astronaut
 - d) potato head
- 8) James Arness, now starring in ABC's "How the West Was Won" was
 - a) The Brain from Planet Arous
 - b) The Creeping Potato
 - c) The Giant Behemoth
 - d) The Thing
- 9) In The Day the Earth Stood Still Earth was visited by
 - a) Yassir Arafat
 - b) The Brain from Planet Arous
 - c) Michael Landon
 - d) Klaatu
- 10) In Sleeper, Woody Allen escapes capture by
 - a) pretending to be a robot
 - b) airmailing himself to Barcelona
 - c) pretending to be a Solu fish
 - d) entering a fancy restaurant and ordering a 310 course meal.



"Any sufficiently advanced technology is indistinguishable from magic," says Arthur C. Clarke. Steven Spielberg apparently agrees. He hired the creator of 2001 special effects, Douglas Trumbull, for Close Encounters and wound up with UFO's cloaked in such a mind-blowing aura of light they seemed not only interplanetary but otherworldly.

Forbidden Planet, the great 1956 classic, took place on Altair 4, quite a bit of surreal estate—a planet which had once been inhabited by an incredible race of geniuses, the Krell, who were destroyed when the Id Monster—a huge living force of energy that fed off the latent anger in their minds—ate them up. The Id Monster was still around to cause all kinds of trouble for a cast that included Earl "Police Woman" Holliman, Richard Anderson (Oscar in the "Six Million Dollar Man") and Robby the Robot, who was the first cute, funny, adorable sci-fi movie robot. But he was actually just a robot costume designed by a Walt Disney animator and worn by an unidentified stuntman who fainted a lot because it got so hot in there. The Krell used to live on Altair 4; we never see them, but we do see the remnants and this is one of the best special effects ever. Forbidden Planet was the only sci-fi movie ever made whose plot was see the remnants and this is one of the best special effects ever. Forbidden Planet was the only sci-fi movie ever made whose plot was half based on Shakespeare ("The Tempest") and half on Sigmund Freud — "ids" and all that stuff.



The Pizzazz Illustrated History of Sci Fi in the Movies, Part II

Nominees for...

SCARIEST MONSTER

1) FRANKENSTEIN

The undying monster created from bits and pieces of corpses and shot through with electric power by Dr. Frankenstein, the man who discovered the secrets of life and death. Boris Karloff played the monster in the 1931 classic and staggered his way out of the laboratory and into film history.





2) DRACULA

The Vampire King of all time. Prowls for blood by night, sleeps in his coffin by day. Can be killed by driving a stake through his heart. But beware: his victims turn into vampires



3) RODAN THE FLYING MONSTER

Rodan was one of the first Japanese atomic bomb monsters. A giant-size ancient pterodactyl, he joins up with Godzilla and Mothra to beat Ghidirah in Ghidirah the 3 Headed Monster.



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4) THEM
The giant radioactive ants from the 1954 movie Them! They were created by atomic bomb fallout and ran loose from the deserts of New Mexico to the Los Angeles sewer system, murdering their victims by injecting them with formic acid.

by Sheldon Bart

The first movie monsters were a bunch of bird-faced moon people in a movie called A Trip to the Moon in 1902. Even since then movie fans have loved monster movies almost as much as they've hated the monster, and so for 75 years monsters have been getting bigger, scarier, more horrible, more powerful and BETTER-THAN-EVER!

Vampires, robots and dinoscurs had audiences gasping for breath even back in the days of the Silent Film. Silent star Lon Chanev. known as "the man of a thousand faces" on account of his incredible make-up jobs, became the first monster star when he played the hunchbacked Quasimodo in The Hunchback of Notre Dame in 1923 and followed that up with the even scarier Phantom of the Opera in

The 1930's, the "Era of the Talkies," was also the "Era of the Classic Monsters," i.e. the ones they always show at 2 in the morning on Saturday night. Boris Karloff as Frankenstein. Bela Lugosi as Dracula. King Kong. The Invisible Man. These films are so scary that even after you've seen them 19 times you might still start hearing weird noises in your basement after watching them. No one who's ever heard Bela Lugosi say, "To be truly dead would be glorious," will ever pass by a cemetery again without feeling a chill.

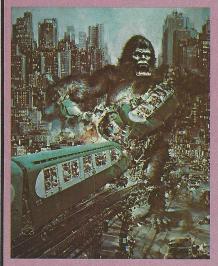
MOST DESTRUCTIVE MONSTER





4) KILLER BEES The very latest in bad insects, billions of these South American babies invade the **United States in** 1978's Swarm.

1) GODZILLA
The 400 foot high "King of the
Monsters." Part dragon-part dinosaur,
Godzilla was trapped on the ocean floor in prehistoric times and brought back to life by nuclear testing on the Bikini Atoll. With his fiery breath and big feet, the Big G has destroyed miniature matchbox Tokyos at least five times.



2) KING KONG

The Eighth Wonder of the World. An ape the size of a NASA rocket found on York City. K.K. ravaged Manhattan twice (once in the original 1933 movie and once again in the 1976 remake) and put to rest innumerable pterodactyls, stegosaurs, and brontosaurs back home on Skull Island.



3) THE MARTIANS

Gruesome, one-eyed, clam-faced weirdies that came to earth in wedge-shaped space ships in the great 1953 War of the Worlds. They tore Southern California to pieces, beat the army, and then lost out to the bacteria that cause colds.

BESTREPTILE

1) THE GILL MAN

This half man-half fish was found lurking under the Amazon in 1954's Creature from the Black Lagoon. He was last seen terrorizing Floridians and going going gone but not forgotten into the Atlantic Ocean.



2) THE YMIR
In 1957's Twenty Million Miles to
Earth, this half-dinosaur, halfcyclops came to earth from Venus.
When it got here it was just an egg,
but it grew kingsize fast and rampaged all over Rome where it westled an elephant to the ground and fought its last stand against the tanks of the U.S. Army atop the Rome Colosseum.



3) GHIDIRAH

All the other Japanese lizards ganged up on poor three-headed Ghidirah in the film that he was the star of, Ghidirah the 3 Headed Mon--so he's also our nominee for Most Picked-on Reptile.



4) GWANGI

A Tyrannosaurus Rex alive and kicking in the Forbidden Valley in Mexico. Cowboys rope Gwangi and take him back to town where he escapes, causes a lot of damage and is finally trapped in a flaming cathedral. 1969 epic.

5) GODZILLA

New monster stars emerged in the 1940's. Lon Chaney Jr., son of the old silent star, created the role of Larry Talbot, "The Wolf Man," and portrayed him in four subsequent movies. Talbot, with fur on his face, is one of the most gruesome beasts ever to strike at midnight. And when in the movie he's suddenly clean-shaven and pleading with disbelieving authorities to lock him up before the full moon comes again, Chaney really makes you sympathize with him. Lon Jr. went on to become the only actor to play all the classic greats: the Wolf Man, Frankenstein, Dracula and the Mummy.

With the late '40's and 50's came atomic bombs, and a new way to scare people: giant horrible mutant creatures created by atom

BEST HUMAN MONSTER

1) DRACULA
"Listen to the children of the night, what beautiful music they make," said Bela Lugosi, star of the 1931 version. Lugosi's Dracula was ghoulish and mysterious. Christopher Lee, great modern vampire star, is a more flendish Dracula, who



2) THE MUMMY

Prince Kharis, an ancient Egyptian buried alive for trying to revive his dead beloved Princess Ananka, is kept alive for centuries by the High Priests who watch over Ananka's tomb. Eventually he gets the strength of ten men and goes to England to bring Ananka back home. Famous stars who were wrapped in bandages for the part include Boris Karloff, Lon Chaney Jr., and Christopher Lee.



3) THE WOLF MAN

"Éven a man who is pure in heart and says his prayers by night will turn into a wolf when the wolf

bane blooms

and the moon is full and bright."
So says the old gypsy woman to
Larry Talbot in the 1941 movie. Larry
was bitten by her son—a werewolf—
and now, when the moon is full, he
gets extremely hairy and vicious.

bomb explosions! The screen was full of them — giant ants, giant spiders, giant crabs, giant behemoths, and Godzilla. Monsters were bigger, better, and more reptilian than ever! At the same time, three new classic scary actors came along — Vincent Price, Peter Cushing and Christopher Lee — and the three of them turned out a whole bunch of new films about the old-time ghouls (e.g. The

MOST LIKEABLE MONSTER



1) THE APES

Found by Charlton Heston when he crash-landed on the Planet of the Apes in 1968. They smile, laugh, talk, wear clothes, hold meetings, ride horses, and have all the modern conveniences—except maybe shopping centers.

2) ALIENS FROM CLOSE ENCOUNTERS

All these guys do is arrive on earth in their flying saucer, wave, and leave. How could you ask for nicer aliens than that?



Curse of Frankenstein, The Horror of Dracula, The Mummy) that put goosebumps on the new postwar generation of horror film freaks.

Price, Cushing and Lee (good name for a rock group?) are still scaring people. The big new remake of King Kong had tourists looking for him on top of New York's World Trade Center, instead of the poor old Empire State Building. Guys like George Romero, who created "Night of the Living Dead" and the new "Dawn of the Dead", are still keeping audiences screaming. And new monsters are being unleashed just about every other month: killer bees, killer rats, new monster/enemies for Godzilla.

Since movie actors have been winning awards for years, we thought it's about time the monsters got some awards too. So here are our nominees for the best and scariest of all time. Just clip out the ballot and send us your votes. Results in a future instalment of our exclusive Pizzazz Illustrated History of Sci Fi in the Movies.

Next Month: The Heroes

MONSTER BALLOT

Circle your choices. Put write-in candidates on separate paper.
Scariest: Dracula Frankenstein Them Rodan Most Destructive: Godzilla King Kong Martians Killer Bees Best Reptile: Gill Man Gwangi Ymir Ghidirah Godzilla Best Human Monster: Dracula The Mummy The Wolf Man Most Likeable Monster: The Apes Chewbacca The Aliens The Triffids King Kong Godzilla.

Mail in your ballots to "Monsters" PIZZAZZ, 575 Madison Ave., New York, NY 10022.

3) CHEWBACCA the WOOKIE

Chewie, Han
Solo's co-pilot and
ally against Darth
Vader and the Imperial Storm
Troopers of Star
Wars, is a cross
between an ape
and a bear. He's 8
feet tall, a hundred
years old, and terrific with a blaster.
He cheats at
chess, but his
friends tend to
overlook this.

4) THE TRIFFIDS
Giant, seven
foot tall, walking
man-eating plants
from 1963's Day of
the Triffids. A
meteor shower
blinds everyone in
the British Isles
and then gives
rise to the Triffids. They multiply like
rabbits and devour everybody
in sight.



5) KING KONG 6) GODZILLA

Answers to June's Galactic Trivia Quiz

- l. α) The sci-fi film George Lucas made before Star Wars
- 2. c) Investigated a monolith on the moon
- 3. d) Sean Connery played an exterminator
- 4. d) The Millennium Falcon
- 5. a) Also Sprach Zarathustra
- 6. b) Following him into the ocean and removing the oxygen from the water.
- 7. b) wolf man
- 8. d) The Thing
- 9. d) Klaatu
- 10. a) pretending to be a robot





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FLASH GORDON

Flash Gordon was played by the great Larry "Buster" Crabbe in three action-packed spectacular adventures: Flash Gordon (1936), Flash Gordon's Trip to Mars (1938) and Flash Gordon Conquers the Universe (1940). Flash did it all. Ray gun fights against Emperor Ming's palace guards, hand-to-hand combat with ape men, hand-to-fang combat against dragons and dinosaurs, daring escapes from disintegration chambers, and excursions to wild places like the undersea city of the shark men and the sky city of the hawk men. In each epic, Ming the Merciless had a different plot to destroy the earth — death dust, nitrogen lamps, etc. etc. Flash's enemies

were nearly always fat, with fake-looking wings on their helmets and scruffy beards.



He looks a lot like Flash Gordon, no? That's because he was played by the same guy, Buster Crabbe. Buck — the biggest hero of 1939 — was a dirigible pilot who crashed into the Arctic and was preserved in a state of suspended animation for 500 years by a cannister of "nirvano gas" which he just happened to have on board. When he wakes up, the tyrant Killer Kane is ruling the world. Kane keeps his enemies at bay by putting mind-clouding helmets on their heads and Buck starts a mutiny.





COMMANDO CODY

Known as the Sky Marshal of the Universe, Cody had a rocket ship and a flying suit with three buttons on his chest — one knob was for on-off, one was for up-down, and the third was for speed control, fast-slow. In 1952's Radar Men from the Moon, Retik, the mad ruler of the moon, was out to conquer the universe with the mysterious atomic element lunarium. After a series of rocket ship chases, rocket ship crashes, and ray gun battles galore, Cody finally zapped the lunatic to smithereens.

SOME CLASSIC SCI FI HEROES FROM THE GOOD OLD DAYS

CRASH CORRIGAN In the 1936 adventure Undersea Kingdom, Crash, a super-athletic naval officer, descends in a sub to the sunken continent of Atlantis and finds out that the sinister Unga Khan, aided by his **Black Robe Guards** and the evil Volkite robots, have taken over the sub-



merged world and are trying to disintegrate the surface world. Crash calls in a naval air strike to overthrow Unga. Here we see him in a typical pose, looking like a gladiator who's been sent to the locker room after going 10 rounds with the lions and is now plotting to blow up the stadium for revenge.

Luke Skywalker is a true classic sci fi hero. He's got a mean, nasty, snarling villain to fight — Darth Vader. He's got a trusty blaster at his side and never hesitates to use it. He's got a laser sword and other fantastic inventions like droids and hyperspace transports. And he closely encounters all kinds of weird aliens. Luke is an authentic space hero all right, but he wasn't the first one.

Back in the nineteen thirties there was Flash Gordon, who in three epic intergalactic adventures zoomed off to Mars and the planet Mongo to stop Ming the Merciless—a villain every bit as nasty as Lord Darth Vader—from destroying Earth with his death dust and his nitrogen rays. After Flash, the movies of the thirties, forties and early fifties were full of rip-roaring sci fi heroes. Crash Corrigan battled the evil Unga Khan in the sunken continent of Atlantis. Buck Rogers fought Kill-

3

by Sheldon Bart

MODERN SCI FI HEROES BEFORE STAR WARS: NOT QUITE THE FLASH GORDON TYPE

CHARLTON HESTON IN PLANET OF THE APES

Heston lands in a world run by apes and narrowly escapes the clutches of Dr. Zaius, the scientist-ape who wants to do him in. In the end of the second sequel Beneath the Planet of the Apes, Heston manages to blow up himself, the apes, some mutants, and the whole planet.

er Kane, the planetary tyrant of the 25th century. And Ol' Winghead himself, Captain America, was pitted against The Scarab, a mysterious bad guy with a doomsday machine.

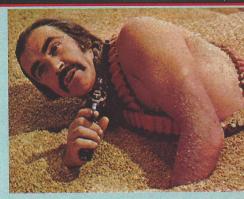
By the mid-fifties, sci fi heroes with ray guns went on television. There was Tom Corbett Space Cadet, Rocky Jones Space Ranger, Captain Video and Captain Midnight — all on the little screen at home. On the big screen in the movie houses, however, all we had back then were a lot of cringing scientists who said things like "perhaps these alien invaders have a message for all of mankind" and "maybe we can reason with them," or Air Force officers on the phone to headquarters saying "I know it sounds silly General, but there really is a giant behemoth on the loose." This was because H-bombs had been invented and everybody was scared, and so Hollywood made sci fi movies about present-day catastrophes instead of futuristic ones.

SEAN CONNERY IN ZARDOZ Connery was a good hero in

a weird and confusing movie.

Zardoz is a gigantic head that supplies guns and ammo to a band of exterminators. Connery, as an exterminator named Zed, leaps inside Zardoz and discovers that it is controlled by a group of Eternals who live in a garden spot called the

who live in a garden spot called the Vortex. Connery goes to the Vortex and destroys the computer of the Eternals before the Eternals destroy him.



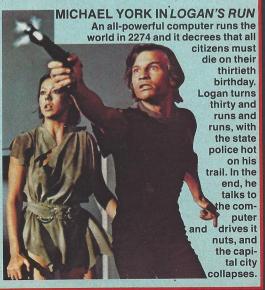
WOODY ALLEN IN SLEEPER

Woody goes into the hospital for an operation in 1973 and wakes up after two hundred years of deep freeze in 2173. A dictator named The Leader is running the world. Woody's style of heroics is to disguise himself as a wobbly robot, and then to be caught in an inflatable suit that turns him into a walking balloon.

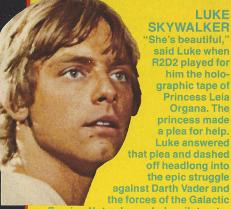


JAMES CAAN IN ROLLERBALL

In the year 2018, Rollerball is the most popular and violent sport on earth. Jonathan E. is a rollerball superstar. The rulers of the world want him to retire. He refuses. They make the game even more violent. He still wins.



THE NEW GALACTIC HEROES



Empire. Not only can Luke pilot a star ship and use a blaster, but he also has a aser sword, the weapon of the legendary Jedi Knights, and the cosmic "Force" of the Jedi Knights is with him.



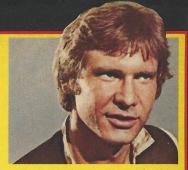
The Captain of the U.S.S. Enterprise. On a five year mission to seek out new worlds and new civilizations, Kirk has encountered Klingons, Romulons, Melkotians, and Troyians. In a tight spot, he'll get the Enterprise out of trouble by using his brains, his heart, and/or his phaser.

In the sixties and seventies, people stopped worrying about H-Bombs so much and started wondering about the future again. Heroes like Sean Connery in Zardoz, Robert Duval in T.H.X. 1138, Michael York in Logan's Run, James Caan in Rollerball, and Charlton Heston in Soylent Green were all up against nasty futuristic corrupt societies. While some of these guys managed to get themselves out of trouble, they just couldn't overthrow the sinister rulers in the spectacular style and glory of Flash Gordon or Buck Rogers.

Then came Star Wars. Ray guns, epic space battles, mean villains, aliens, and incredible gadgets and gizmos are back again in grand style. Now Hollywood is looking for more sci fi heroes in the classic mold. Dino De Laurentiis, the guy who remade King Kong, is doing a remake of Flash Gordon. And Paramount Pictures is scheduled to bring the indomitable Captain Kirk and the super rational Mr. Spock to the silver screen in the first Star Trek



MR. SPOCK Half-Vulcan, Half-Terran First Officer on the Enterprise. Mr. Spock handles all situations with logic, rationality, and flawless analysis. In a flash, he can calculate odds for or against something with astonishing accuracy. He can also knock out the bad guys with the special Vulcan hold, the Vulcan Nerve Pinch.



HAN SOLO

Han is a space pirate, the best pilot in the galaxy, and the captain of the Milennium Falcon, the fastest ship in the universe. He has a hot temper and gruff manners, but underneath all that he's really a sweetheart of a guy.

CONTEST PRIZES

25 terrific new Mattel Colonial Viper fighters from TV's Galactica will be given away, courtesy of Mattel and us, to the first 25 completely correct sets of answers we receive to postmarks win. Send answers to GALACTIC TRIVIA, PIZZAZZ, 575 Madison Ave., NY, from outer space NOT ELIGIBLE. Be sure to include your NAME and ADDRESS. VOID WHERE PROHIBITED BY LAW.

More Galactic Trivia

- 1) Luke Skywalker is played by
 - a) Mark Hamill
 - b) Mick Jagger
 - c) Michael Landon d) Walter Cronkite
- 2) Han Solo is played by
 - a) Gerald Ford
 - b) Harrison Ford
 - c) Chevy Chase
 - d) Kenneth Tobey
- 3) Han Solo, when attacked by a squad of Imperial stormtroopers, is most likely to utter which famous sci fi line:
 - a) "Perhaps we can reason with
 - b) "I think they're trying to tell us something.
 - c) "This is a great day for mankind."
- d) "Gimme that blaster!"
- 4) Captain Kirk is in the Star Fleet of
- a) The Federation
- b) The Original Thirteen Colonies
- c) The United Mine Workers
- d) The Confederacy
- 5) Rollerball is
 - a) Played by Wookies
 - b) Played by men on roller skates and motorcycles
 - c) Played by men on rollercoasters
- d) Played by The Bee Gees
- 6) Charlton Heston was not the hero

- a) Planet of the Apes
- b) The Omega Man
- c) Destroy All Monsters
- c) Soylent Green
- 7) The Ape hero of Conquest of the Planet of the Apes and Battle for the Planet of the Apes was played
 - a) Roddy McDowall
 - b) Leonard Nimoy
 - c) Thelonious Monk
 - d) Magilla Gorilla
- 8) The rock star who was the hero of The Man Who Fell to Earth was
 - a) Bob Dylan
 - b) Eric Clapton
 - c) Meat Loaf
 - d) David Bowie
- 9) Which hero did not defeat an allpowerful computer?
 - a) Sean Connery in Zardoz
 - b) Keir Dullea in 2001: A Space Odyssey
 - c) Michael York in Logan's Run
- d) Charlton Heston in Planet of the
- 10) In Sleeper, Woody Allen prevents the Leader from being cloned by
 - a) Stealing his credit cards
 - b) Ordering ten gallons of won ton
 - c) Throwing his nose under a steam roller
 - d) Airmailing him to Barcelona

Marvel Comics Fearlessly Presents SEPTEMBER 1978 DOLL, Œ OUR PICTURE FOR PIZZA MAGAZINE! AINTCHA GOT NO CLASS? UL ISSUE! THAT'S PIZZAZZ. Albino Roach Jokes! · Blobs! Nerds! • Battlestar **Galactica**

PART 4
OF THE
PIZZAZZ
ILLUSTRATED
HISTORY OF
SCIENCE FICTION
IN THE MOVIES

By Sheldon Bart

MEANEST VILLAIN

MING THE MERCILESS Emperor of the planet Mongo, arch-enemy of Flash Gordon, and the classic snarling sci fi villain. Ming took over Mars, turned his enemies into clay, aimed a nitrogen lamp at earth and, when that failed to destroy us, unleashed the Plague of the Purple Death. Favorite pastime: putting Flash Gordon in disintegration chambers. Favorite saying: "Flash Gordon will never get out of this alive!" At the end of Flash Gordon Conquers the Universe (1940), Flash was alive and kicking, and Ming was blown up in his palace.

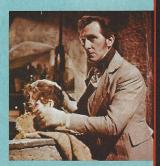




LORD DARTH VADER
A former Jedl
Knight and pupil of
Obi-Wan Kenobi
who became a devotee of the Dark Side
of the Force. He
killed Luke Skywalker's father, joined
up with the Galactic
Empire, and slew ObiWan Kenobi. Last
seen heading out to
deep space after the
Death Star exploded.
Wears black armor,
breathes funny.



GRAND MOFF TARKIN Commander of
the Galactic Empire's
Death Star in Star
Wars and played by
the great Peter
Cushing. Tarkin
threatened to blow up
the planet Alderaan
unless Princess Leia
told him where the
rebel base was. She
told him what he
wanted to know—and
then he blew up
Alderaan anyway.



DR. FRANKENSTEIN Peter Cushing's greatest role. The all-time champion monstermaker obsessed with creating living creatures out of the parts of dead bodies. In 5 different movies Cushing created 5 different monsters who terrorized the inhabitants of 5 different villages. Cushing always survives to make another monster. They were going to hang him at the end of the Curse of Frankenstein (1957), but he got away by switching places with a priest.

On Mars... in galaxies far, far away and a long time ago... in undersea kingdoms... in future civilizations... in hidden earthly hideaways... in all the weird worlds of science fiction there lurk evil, nasty, snarling villains with one aim in mind: Power! Unlimited power! While heroes like Flash Gordon and Luke Skywalker want peace and justice for all, villains like Ming the Merciless and Darth Vader want to control, enslave, dictate, take over, possess authority, rule, sway, reign, command, browbeat, tyrannize, dom-

THE KRELL The advanced race of Forbidden Planet, 1956's greatest sci fi epic, who were eaten by their ids (the instinctive violent animal parts of their minds). The only thing left of them was the hideous id Monster lurking around on Altair IV to menace the film's good guys.



BEST FACELESS VILLAIN



THE INVISIBLE MAN The world's first faceless villain—a scientist who injects himself with a drug called monocaine, becomes invisible and tries to take over the world. When the classic 1933 movie begins, Dr. Griffin is swathed in bandages—he takes them off and is totally transparent. The only time we see what he looks like is at the end after the police shoot him down and he becomes visible. Famous quote: "Even the moon is frightened of me, frightened to death!"



HAL-9000 Super computer aboard the starship Discovery in 2001: A Space Odyssey. HAL thinks that the mission of the Discovery is too important to entrust to inferior humans so he kills three already-deep-frozen crew members by shutting off their life support, marcons a fourth astronaut in deep space, and locks Astronaut Dave Bowman out of the ship. Bowman reenters through a hand operated hatch and pulls the plug on HAL, destroying his brain circuits. Memorable line: "My...mind...is...going...Dave..."

THE LEADER Dictatorial ruler of earth in the 22nd century in Woody Allen's Sleeper. All you see is his nose, the only part of him that survived intact after an assassination attempt. The Leader's henchmen want to clone a full-size replica of the Leader. But Woody disguises himself as a surgeon, steals the Leader's nose, and throws it under a bulldozer.



THE KLINGONS Star Trek's dark and surly race of galactic predators. Their own planet is poor in resources so they push outward to survive, taking what they need. War is a way of life in the Klingon **Empire and they** fought a whopper of a war with the Federation until the Organians intervened and enforced a truce. Klingon salute: "Survive and succeed." Klingons hate tribbles.



THE LEGION OF THE WINGED SERPENT The interstellar invaders of Starship invasions led by Christopher Lee who, as Captain Rameses, was out to conquer earth because his home planet was caught in an unstable solar system and his race needed a new place to live. Rameses had a satellite that broadcast telepathic messages to make earthlings want to kill themselves or other earthlings.

THE CYLONS Giant, glossy, silver robots with one flashing orange eye and big laser guns sent by The Alliance to kill all humans. On orders of the imperious Leader, the Cylons wiped out 12 human colonies, man, woman, child and android, in one fell swoop. Current target: Battlestar Galactical (see PIZZAZZ Advance Look, pp. 6-7)

ineer, oppress, lead by the nose, pull the strings, sit on the throne, and be proclaimed Emperor of All and Everything. And they won't take no for an answer.

Usually they intend to accomplish all this with Sinister Weapons of Destruction. Particularly, the Death Ray! The first great evil doer with a Death Ray was the inscrutable oriental Devil Doctor, Fu Manchu, played by Boris Karloff in the 1932 shocker The Mask of Fu Manchu. In 1936 Karloff was back with The Invisible Ray, a Death Ray made out of Radium X, an element found in a volcanic crater in Africa. Then in 1938, in Flash Gordon's Trip to Mars,

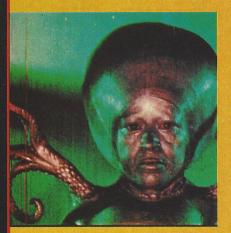


IMPERIAL STORM TROOPERS The star force of the Galactic Empire. They wear white armor, take orders from Darth Vader, and fight against the rebels led by Luke Skywalker and Princess Leia. Standard weapon: blasters. Weakness: they all look allike. Luke and Han Solo easily disguised themselves as storm troopers and reacued the princess from the Death Star.

Emperor Ming aimed a lethal nitrogen lamp at earth—this Death Ray takes all the nitrogen out of our atmosphere and causes widespread earthquakes. Other great or unusual Death Rays were the thermal disintegrator of the villainous Flying Disc Man from Mars (1951) and the heat beams of the Martian invaders in War of the Worlds (1953). But the ultimate Death Ray came with the Death Star of Star Wars. This Death Ray destroyed the friendly planet of Alderaan in two seconds flat with one mighty infernal blast.

Other methods used by galactic villains to conquer the universe are mind-stealing gadgets that turn good guys into willing slaves of evil and legions of galactic invaders that attack the home planets of the good

WEIRDEST VILLAIN



INVADERS FROM MARS 1953's Invaders from Mars are the weirdest Martians ever. They have big bald heads, two arms, two tentacles, and appear to live in fishbowls. Instead of invading with ray guns and heat beams like the normal War of the Worlds Martians, the 1953 Martians arrive in a flying saucer that burrows underground. Whenever any earthling approaches this spot, they're instantly sucked under and little crystal devices are implanted in their skulls to do the Martians' bidding.



guys and wipe out all resistance. Back in the fifties, the galactic in-

vaders were usually clunky robots

who arrived on earth in flying war

machines from outer space. As au-

tomation and computer technology

developed here on earth, a new kind

of villain emerged in the sixties: sophisticated machines that have

minds of their own and turn on the

people who use them. HAL 9000 of

2001: A Space Odyssey was the first

great computer baddie, followed in

the seventies by Proteus of The

THE OVIONS
These overdressed four-armed bugheads make a deal with the Imperious Leader in Battlestar Galactica to enslave humans.
They live in a hive underneath an enticing gambling resort on the planet Borealis.
Their leader is a woman named Lotay who fancies herself a musician.

THE BODY SNATCHERS. Strange balloon size pods from another planet that turn up in Santa Mira, California in 1956's Invasion of the **Body Snatchers.** The pods take over the minds of people, turn into likenesses of them, then kill off the original bodies of the people they've duplicated. Leonard Nimoy is starring in a remake of Invasion of the **Body Snatchers** coming soon. Fascinating.



THE METALUNA MUTANTS On the dying planet Metaluna in 1955's greatest sci fi epic, This Island Earth, a race of half-insect/half-human mutants have been bred to do slave labor. When Metaluna is attacked by the enemy Zangons, the mutants revolt. The Metalunan scientist Exeter and two friends from earth escape in a flying saucer, but one mutant stows away on board and attacks when the three heroes are locked in atmospheric conversion tubes. The mutant succumbs to cabin pressure.

VILLAIN BALLOT

Circle your choices. Put write-in candidates on separate paper.

Meanest: Ming the Merciless
Grand Moff Tarkin Lord Darth

Vader Dr. Frankenstein

Best Faceless Villain: The In-

Best Faceless Villain: The Invisible Man HAL-9000 The Leader The Krell

Most Villainous Legion: The Klingons Imperial Storm Troopers The Legion of the Winged Serpent The Cylons

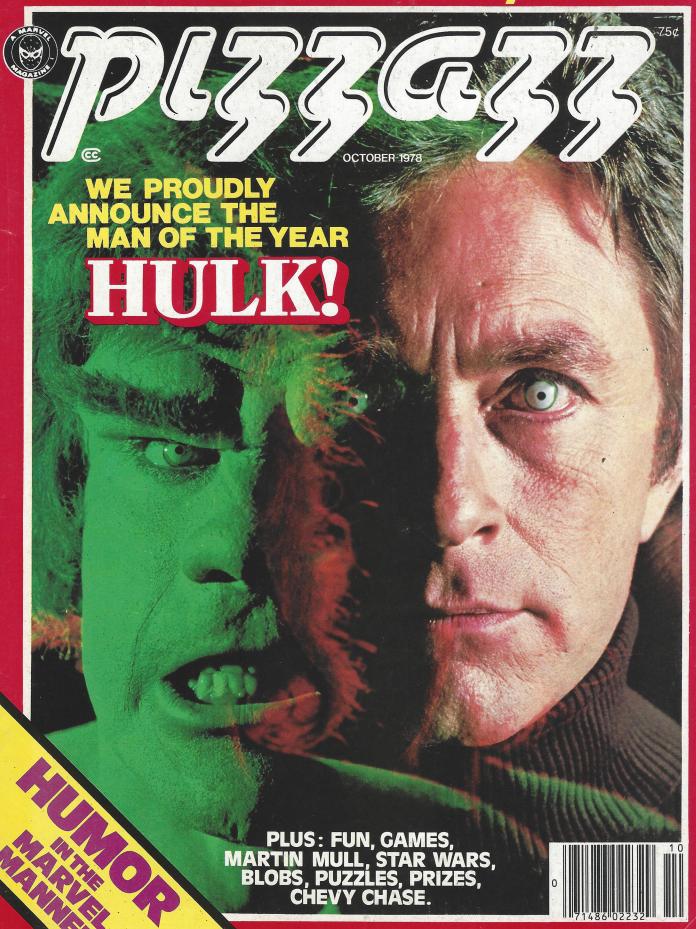
Weirdest Villain: Invaders from Mars The Metaluna Mutants The Body Snatchers The Ovions



Demon Seed, and the rampaging West World androids.

Who are the worst villains of all? You tell us. Here are our nominations—a veritable rogue's gallery of cosmic evildom. All you have to do is fill out the handy ballot and vote for the nasties you love/hate the most. In a future ish, we'll enshrine these guys in a Galactic Villains Hall of Infamy suitable for framing, booing, and warding off intruders who venture through the private portals of your room.

Marvel Comics Neurotically Presents



Part 5 Pizzazz Illustrated History of Science Fiction in The Movies

This month our intrepid sci fi historian Sheldon Bart interviews the Greatest Used Spaceship Salesman in the Universe, a guy who's got a lot the size of Uranus. Here's what he told Sheldon:

UNCLE

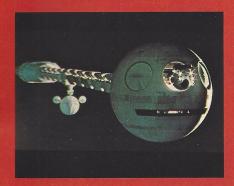
Wanna deal? Come 'ere kid. Come 'ere. Galactic ships at planetary prices. The greatest selection of space vehicles in the cosmos. I've got big ships, little ships, flying saucers, landing pods. They're slick, they're sleek, they're ready to go. If it blasts off, I've got it. You want something roomy and economical? Space station wagons? Take a look at this little beauty. The U.S.S. Enterprise. A Constitution Class Starship perfect for five year missions to seek out new life and new civilizations. 288.6 meters long (that's 952.3 feet of



solid hull). Gets a maximum safe cruising speed of Warp 6, though just between you and me this little honey can get up to Warp 8 if it has to. 3 main phaser banks, 2 banks of photon torpedos. Runs on economical dilithium crystals. Believe me, kid, a deal like this comes once in a milennium.

C'mon up to the bridge. I'll have you beamed aboard. This is the only spaceship on the lot that doesn't need a door. It comes fully equipped with transporter beams that scramble your molecules and reassemble them inside—and at no extra cost. Look at that bridge. Just like new. The commanding officer's swivel chair swivels all the way around. Believe me you won't find an option like that on a three-stage Saturn rocket. Look at that visual display, the sensors alert light, the communications station, the turbo elevator that stops on all eleven decks. A perfect family size spaceship-with room for a hundred families. Tell you what I'll do. I'll throw in, at no extra cost, a 7-man shuttlecraft with 2 booster propulsion units and a newly upholstered interior.

You want something in the middle range? Tell yuh what I'm gonna do. Come along, kid. I just got this little cruiser in yesterday. This unique marvel of rocketry will not be on the lot tomorrow, I guarantee it. Take a look at this, *The Discovery*. Used just

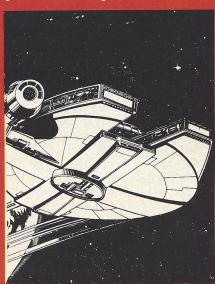


once for a trip to Jupiter in the year 2001, in the movie of the same name. This baby was assembled in space. Those three thrusters you see in the rear are atomically fusioned engines. The command module is separated from the engines by that long connecting rod so there's absolutely no danger of atomic radiation from the engines. C'mon inside, this one is something to see.

The interior is completely round like a ball. If you like to jog you can run around the circumference even when the ship is in flight. Those containers you see lined up in a row are suspended animation tanks. Here's how they work. Suppose you want to go away, maybe take a trip to the planet of the apes, monkey around a little—excuse me, kid, that's just a little joke—and your friends say, "It takes half a year to get out there, what am I supposed to do all that time, I've already read every issue of PIZZAZZ four times?" So you tuck them into the suspended animation tanks, put them to sleep, and when

they wake up, you'll be at your destination. In fact you can keep them in suspended animation until you get back home and then tell them what they missed. And at no extra cost. This one handles beautifully—and you don't even have to touch the controls. Everything is run by HAL-9000, the very latest in computers. I can let yuh have the whole thing cheap. Why? Well just between you and me, the original owners had a little trouble with the computer. But that's all ironed out now. You want a deal? I'll make you a deal.

You want something a little more sporty? Alright, kid, I've got just the thing for you. Step right over here. The Milennium Falcon. A one-of-akind, customized piece of machinery unlike anything you've ever seen. This was originally an ordinary lightweight freighter. A space pirate named Han Solo got his hands on it and hotrodded the power plant. Take a look at this engine. You want speed? This baby can go into hyperspace drive at the touch of a button. Come on with me up the boarding ramp. This flooring here is all false. You see Mr. Solo was a smuggler and needed storage space to hide things. The storage holds are so big, you can hide all your Marvel comics



and 'a year's supply of chocolate chip cookies inside. How about this gunport? Two laser guns that rotate easily for maximum effectiveness. There's the cockpit. Get behind the control panel, see how it feels. That's an 8-foot diameter window perspective. They don't make 'em like that anymore. And it's so easy to drive, even a Wookie could do it. But don't wait too long, this one'll be gone in the morning.

FLYING SAUCERS YOU WANT?

INVADERS FROM MARS SAUCER

This is the standard model alien flying saucer used for invasions of earth in 1950's movies. This one brought the Martians in



1953's Invaders from Mars, and it was the only UFO that could burrow underground without leaving a hole. The flying saucer in The Atomic Submarine (1959) could fly through space and go underwater too. The huge UFO in This Island Earth (1955) had green tractor beams that snatched an airplane out of the sky and drew it up inside it.

Forbidden Planet was the first movie in which earthmen had flying saucers for spaceships. Here's the United Planets Star Cruiser



C57D that landed on Altair IV and encountered the Id monster. C57D had laser cannons, a hyperdrive mechanism, and even a tractor which was used to set up defenses against the Id monster. CLOSE ENCOUNTERS SHIP

The very latest in flying saucers—the mother ship from Close Encounters. This one doesn't



have zapping laser rays, it doesn't attack, go underground, or underwater—in fact it doesn't do any-

thing but sparkle. It's sort of a cross between a flying saucer and a light show.

USED WARSHIPS CHEAP

WAR OF THE WORLDS SHIP

These boomerang-shaped warships used by the Martians to wipe out Los Angeles in *War of* the Worlds (1953) were armed



with heat beams and were so strong that atomic bombs couldn't make a dent in them. The only problem for the Martians was that they weren't so strong—they were wiped out by common earth germs.

germs. STAR WARS IMPERIAL STARDESTROYER

The Empire's big battleship from Star Wars. Sixteen times the size of The Milennium Falcon, it swallowed up Princess



Leia's cruiser in one gulp. Laser guns at all ports. Plated with armor. Dwarfed only by the Death Star.

DEATH STAR

A battlestation the size of the moon. The Death Star's laser canon blasted the planet Alder-



aan apart in a split second. Luke Skywalker destroyed the Death Star by zapping its only vulnerable spot: a ventilator shaft at the end of a trench that circles *The Death Star* at its equator. Luke's laser blast started a chain reaction that tore the *D.S.* to smithereens.

X-WING FIGHTERS

Old, battered jet fighters of the threadbare Rebel forces in Star



Wars. The cockpit is just big enough for a pilot and an R2D2 droid. The R2D2 homes in on the target, the pilot fires the laser blast.

SPORTY LITTLE TIE FIGHTERS

Twin Ion-engined fighters of the Imperial forces. They look like spools—and are just about as effective when up against *The Mil*ennium Falcon. Darth Vader was



last seen heading out into deep space in an advanced model TIE fighter that had sinister bat-like wings.

GALACTIC TRIVIA

- 1. Han Solo's co-pilot on The Milennium Falcon is
 - a) Chewbacca the Wookie
 - b) Alexander the Great
 - c) Howard the Duck
 - d) Mack the Knife
- 2. On Space: 1999, the Moonbase Alpha spaceships are called
 - a) Chickens
 - b) Ducks
 - c) Eagles
 - d) Nuclear Propulsion Excursionary Vehicles
- 3. The two astronauts aboard the Discovery in 2001 were
 - a) Keir Dullea and Gary Lock-wood.
 - b) William Shatner and Leonard Nimoy
 - c) Martin Landau and Barbara Baind) John Travolta and Olivia

stardestroyer captures Princess

Newton-John
4. In Star Wars, after the Imperial

Leia's ship, R2D2 and C-3PO get away

- a) in a TIE fighter
- b) in The Milennium Falcon
- c) in a life pod
- d) by airmailing themselves to Barcelona
- 5. The shuttlecraft of the *U.S.S. Enterprise* are named
 - a) Shuttlecraft I and Shuttlecraft
 - b) Galileo and Columbus
 - c) Nina, Pinta and Santa Maria
 - d) Laverne and Shirley
- 6. In Battlestar: Galactica, the good guys
 - a) wear wings and a halo
 - b) travel in flying saucers
 - c) save fuel by commuting
 - d) fly Viper fighters
- 7. Spaceships carrying domes with forests inside them were a feature of what movie?
 - a) Silent Running
 - b) Futureworld
 - c) Soylent Green
 - d) Adventures of Grizzly Adams
- 8. Which movie was *not* about a galactic voyage?
 - a) Rocketship X-M
 - b) Journey to the Far Side of the Sun
 - c) 2001: A Space Odyssey
 - d) From Here to Eternity
- 9. In emergencies, the *U.S.S. Enterprise* can
 - a) go backwards and sideways
 - b) go on impulse power
 - c) become invisible
 - d) pull over to the side of the galaxy
- 10. Warp Drive is
 - a) faster than the speed of light
 - b) faster than a speeding bullet
 - c) an irregular form of drive
 - d) a method of propulsion invented by Warps

PRIZES!

25 terrific new Mattel Cylon Raider Interceptors from TV's Galactica will be given away, courtesy of Mattel and us, to the first 25 completely correct sets of answers we receive to the Galactic Trivia quiz in this October's Sci Fi History segment. In case of ties, earliest postmarks win. Send answers to GAL-ACTIC TRIVIA, PIZZAZZ, 575 Madison Ave., NY, NY 10022. Marvel and PIZZAZZ employees, their relatives, and intelligent life forms from outer space NOT ELIGIBLE. Be sure to include your NAME and ADDRESS. VOID WHERE PRO-HIBITED BY LAW.

Betcha didn't think we'd ever finish counting the ten godzillian Monster Ballots we received for our July "Vote for Your Favorite Monster" contest. Well we did—or at least, Irving F. says he did and says he definitely did not lose the tiny slip of paper that had the results on it in a phone booth in Grand Central Station . . . So here they are OUR NATION'S MOST BELOVED MONSTERS!



MOST DESTRU GODZILLA





MOST LIKEABLE: CHEWBACCA THE WOOKIE

HOLY TASTE BUDS!



You'll be in control of the Batmobile, or Spider-Man's car. Go forward or backward, even in circles, with the single-channel radio transmitter (no

(C)		
from famous	ng \$12.95 (check or money Clark and/or Holloway (oile; □ Spider-Man's car.	
Send to: Su	perheroes, Box 6366, Chi	cago, Illinois 60677.
ADDRESS		
CITY	STATE	ZIP

batteries included).

The cars are in full color, 12 inches long.

They're yours for just \$12.95 each, with 12 wrappers from any of the Holloway or Clark candies.

So send for your Superheromobile.

Just be sure you don't get any superspeeding tickets.

THE D.L.CLARK COMPANY, A DIVISION OF BEATRICE FOODS.





THE DAMSELS

Hey, sci fi fanatics by the millions! S.B. wants to thank you for the overwhelming support you've given his series—and he just wants to let you know not to worry, he's not about to run out of topiës, the P.I.H.O.S.F.I.T.M. is not about to be concluded—in fact he figures he ought to just be getting around to "The Producer's Brothers-In-Law" by about March, 1982.

By Sheldon Bart

In the beginning Hollywood said "Let there be heroes." And there were heroes—Flash Gordon, Buck Rogers, Captain America. And they were good. And Hollywood said "Let there be heroines." There were heroines. But while Flash and the guys got to fight Martians, blast away with ray guns, and overthrow galactic tyrants, all the girls got to do was stand around and watch—and scream a lot.

Dale Arden, Flash Gordon's girl friend, is the typical early Hollywood sci fi heroine. She would get captured a lot-in fact she was cap-Tree people, Clay people, Cave people. Then she'd sneer at the big fat ugly Shark or Hawk man that wanted to marry her and wait for Flash to show up and rescue her. Sometimes the big fat ugly Shark or Hawk man would put her into a trance so she'd forget that Flash was coming. If she wasn't in a trance, she'd cringe with anxiety. For example, Ming the Merciless would lock Flash inside a high voltage tube, sparks would fly all around the helpless hero, Ming would cackle maniacally, and the camera would turn to Dale. She'd raise her hands to her face and say something like

"Stop that, please!" or "Oh Flash!"
Then she'd faint.

This pattern went on through the fifties, with a couple of exceptionsin Fire Maidens from Outer Space, the girls got to cackle maniacally. But Hollywood couldn't keep the heroines on the sidelines forever. In 1968, Jane Fonda broke the barrier wide open in Barbarella. Barbarella was a comic book character in France —a female Flash Gordon (Flash started out in comics, too, by the way). Jane brought her to life in an epic adventure that pitted her against a mad scientist, Professor Ping, and an evil female tyrant, the Black Queen of the planet Lytheon

Carrie Fisher's Princess Leia—the biggest sci fi heroine of the seventies-may have shared the screen with hero types like Luke Skywalker and Han Solo, but she has more in common with the dauntless Barbarella than the helpless Dale Arden. In the opening scene of Star Wars the princess was on a secret mission to deliver Death Star blueprints to the rebels. When she got captured, she practically spit in the eye of Grand Moff Tarkin and Lord Darth Vader. And when Luke and Han came to rescue her, she grabbed a blaster and helped the guys fight their way back to the Milennium Falcon. No cringes or "Oh stop that!" from Princess Leia.

More bold sci fi heroines are on the way. American International is readying for 1979 The Adventures of Stella Star about a Barbarella-type gal played by Caroline Munro, a gorgeous actress whose past performances include being bitten on the neck by Christopher Lee in one of the Dracula movies, blown up in the latest James Bond film, and abducted by a one-eyed centaur in TheGolden Voyage of Sinbad. And a new female navigator will report to the bridge of the U.S.S. Enterprise in the upcoming Star Trek movie. She's Lieutenant Ilia, a Deltan, and she'll be played by the exotic Persis Khambatta, a former Miss India. Deltan women are hairless, which means that Persis Khambatta will be completely bald in the movie. That's right, bald. Gene Roddenberry, are you sure you know what you're doing?

Who are your favorites? Who would you like to be marooned on an asteroid with? Who would you like to have on your side if you were attacked by a villainous cosmic legion? You tell us. We nominate 'em, you elect 'em. Our nominations encompass the loveliest movie stars this side of the galaxy. Fill out the enclosed ballot and let us know which of these gals you think is the pizzazziest. They'll go great with the Monster and Villain winners. Right, Godzilla?

MOST BEAUTIFUL



MAYA Alright, true enough, Space: 1999 is a tv show and this is a series about sci fi in the movies. But we couldn't resist Moonbase Alpha's lovely resident alien. Catherine Schell is the girl behind the cat-like make-up, and we (i.e. Sheldon) are in love with her. Maybe she'll read this article!



PRINCESS LEIA ORGANA One look at a holographic picture of Princess Leia and Luke Skywalker came a-running after her. Carrie Fisher plays the Star Wars rebel princess with spunk and charm. Her trademarks: a long white gown, braids, and a blaster!

BARBARELLA In 1968 Jane Fonda donned a space helmet, picked up a ray gun, and became Barbarella—the first girl to rocket into epic action the way guys like Flash Gordon and Buck Rogers did. She had a pink spaceship all her own, a blind angel for an ally, and an intergalactic mission to capture the mad Professor Ping.



ALTAIRA Anne Francis played the girl on the Forbidden Planet who asked the question "what's a 'kiss?'" in 1956's greatest sci fi opus. The executive officer of United Planets Star Cruiser C57D was the lucky guy who got to answer that question. He was also the first young man she ever met. The only other occupants of her planet were her father, Professor Morbius, Robby the Robot, and the Id monster.

DAMSEL IN THE HAIRIEST SITUATION



LINDA HARRISON Linda Harrison was trapped in a world of human-sized gorillas in *Planet of the Apes* and half-crazed mutants when she got *Beneath The Planet of the Apes*. Charlton Heston showed up to rescue her. James Franciscas showed up to rescue Heston. Heston tripped a Doomsday device. Bye bye Linda.



DIANE KEATON Diane Keaton as Luna Schlosser—star poet of the year 2173 in Sleeper—is rescued from the sinister forces of The Leader by Woody Allen in a balloon suit. After Woody gets captured, Luna has to live out in the forest and fend for herself like a female Tarzan, until a band of revolutionaries rescue her. Then she has to go on a secret mission with Woody Allen—and that's when things really start to get hairy!



JULIE CHRISTIE Julie Christie was the girl in the grip of a know-all computer in *The Demon Seed* (1977). The year is 1998. Julie's scientist husband creates Proteus, a super powerful machine capable of independent thought. He also creates a system of computers, monitors, and mechanical arms that take care of all of Julie's household chores. Proteus plugs into that system and uses the household gadgets to imprison Julie! Proteus finally gets itself shut down when it starts talking back to the government.



MOST PANICKY

FAY WRAY Fay Wray, the Scream Queen of the 1930's, gave a legendary performance as the hysterical leading lady in the original *King Kong*. Scene after scene, Fay would awaken from a dead faint, take one look at the mammoth gorilla, and scream her head off. "You'd scream, too," said Fay, "if you just imagined that situation with that monster up there."





JEAN ROGERS Jean Rogers was the blond cutie who played Dale Arden in Flash Gordon. While Flash took care of the action in this action-packed extravaganza, Dale was always either in a trance, in a faint, or going bananas. In this scene, Emperor Ming, the one in the middle, has just had Flash thrown in a cage with an ape man. Dale is panic-stricken, as usual. The dark haired girl is Princess Aura, Ming's daughter. She's not sure who's side she's on.



KATHERINE ROSS Katherine Ross was Helena, the Air Force nurse in this year's killer bee movie, The Swarm. All through the movie, victims are attacked by hundreds of bees at a time. Helena gets bitten by one bee, screams bloody murder, and promptly faints dead away. She has to go to the hospital, and spends the rest of the movie holding on to Michael Caine's arm and not saying very much.

MELINDA DILLON Melinda Dillon is one of the first to have a couple of Close Encounters in Steven Spielberg's mighty UFO Movie. The aliens buzz over her house—lighting up the front lawn, making all her baby son's mechanical toys come to life—and then the little boy disappears. Melinda screams and cringes all the way from Indiana to Devil's Tower, Wyoming. She was almost evacuated out of Wyoming when Richard Dreyfuss showed up and rescued her.



TOUGHEST FEMME IN THE UNIVERSE



BARBARELLA In her quest for the wicked Professor Ping, sci fi's first feminine space ranger is captured by barbarians, attacked by mechanical dolls with razor sharp teeth, and trapped in an ultimate death machine. Barbarella survives all this and leads a revolt against the planet Lytheon's tyrannical Black Queen in the end. All in a day's work.



PRINCESS LEIA "Some rescue," said Princess Leia. Luke Skywalker, Han Solo, and Chewbacca freed her from a jail cell deep within the Death Star and ran headlong into a squad of Imperial stormtroopers just a few minutes later. The princess was ready to take charge of the situation. She grabbed a blaster, mowed down a couple of the enemy, and Han and Luke had all they could do to keep up with her.



MAYA Space: 1999's dazzling alien is a Metamorph—she can change into a creature of any shape or form. In moments of danger on Moonbase Alpha or on neighboring worlds, Maya usually becomes something ferocious, like a tiger, a gorilla, or an unnameable monstrous mass.

Answers to October's Galactic Trivia Quiz

1. a 2. c

3. a

4. c 5. b

6. d

7. a

9. b

HEROINE BALLOT

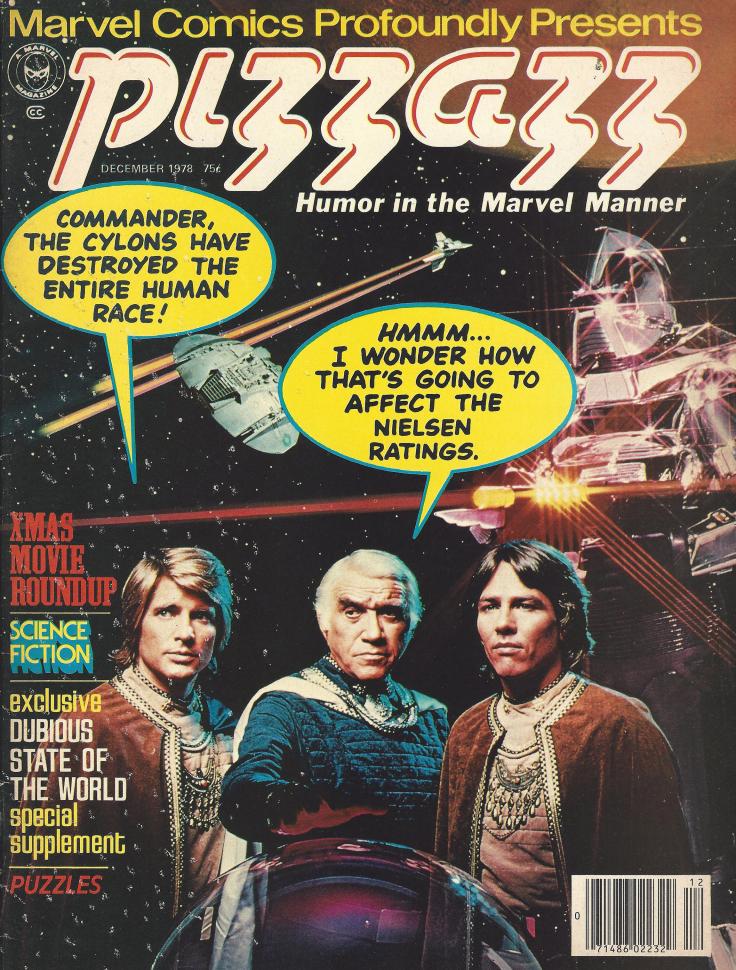
Circle your choices. Put write-in candidates on separate paper.

Most Beautiful: Altaira Barbarella Princess Leia Organa Maya Damsel in the Hairiest Situation: Linda Harrison Diane Keaton Jessica Lang Julie Christie

Most Panicky: Fay Wray Jean Rogers Melinda Dillon Katherine

Toughest Femme in the Universe: Barbarella Princess Leia Maya

Send ballots to PIZZAZZ, 575 Madison Ave., New York, NY 10022.



The Seers Catalog of Robots PIZZAZZ Illustrated Serience Fiction in the Movies

This month ace sci fi chronicler Sheldon Bart stepped out of his time machine with a couple pages from the 2001 Seers Catalog, the greatest mail order catalog in the galaxy. Sheldon found all the great movie robots advertised therein—and available at the lowest prices this side of Andromeda.

Early 20th Century Antique Robots . . . authentic period mobile servo-mechanisms at reasonable prices



Metropolis Female Robot



1

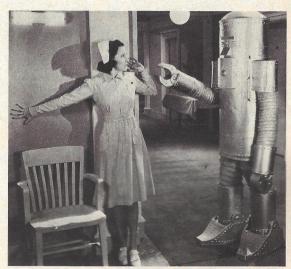
(1) First Ever Female Robot. Created by the evil Rotwang in the 1926 silent movie Metropolis. Queen Anne legs. Button-tufted seat. No-sag springs. As in movie, can be turned into facsimile likeness of real live girl with Rotwang Transformation Tube (not included). Perfect for nanny or receptionist. Available in decorator colours: Coppertone, Avocado, and Tawny Gold.

2) Robot star of Dr. Satan's Robot (1940). Sturdy tin can construction. EZ flex arms. Exclusive "Grip-o-pincers" hands. Used by Dr. Satan and other old-time sci fi villains to break down doors, retrieve kindly professors who refuse to divulge atomic secrets, and visit recuperating victims in hospitals. Operated by remote control. Wipes clean with a damp cloth.

3) Volkites from Undersea Kingdom (1936)—Custom model 1930's robots. Attractively decorated with bold lightning bolt design and exclusive durarubber hosing from crown to neck. Matching tin stun weapon attaches to convenient hooks at mid-section. Tailored "Guardsmen of Atlantis" costumes and accessories sold separately.

Dimensions and Ordering Information: Assembled. Legs sent detached.

Description	Height	Shipping Weight	Price Each
Female	5'2"	312 lbs.	\$3939.95*
Volkites	6'5"	512 lbs.	\$4839.95*
Dr. Satan's Robot	6'5"	512 lbs.	\$2282.95*



Dr. Satan's Robot



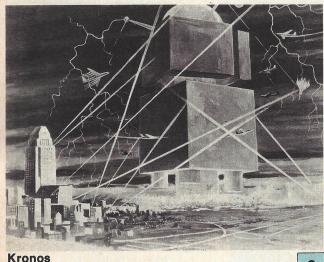


Volkites

Para-Military Robots . . . offer protection for your home, planet, galaxy, or universe



THX 1138 police robots



1) Police robots from THX 1138 (1971). Faceless law enforcement androids guaranteed to operate without conscience or remorse. Will prod lazy workers into working harder and apprehend baldheaded dissidents—such as THX 1138—who fail to appreciate the opportunity for joyless toil in future society. Rated: 17.3 Intimidation points/ .02 Destructo-ravage points.

2) Gort. Eight foot metallic watchrobot deposited on earth by friendly, but firm alien, Klaatu, in *The Day The Earth Stood Still* (1951). Is under orders to destroy the entire earth, if atomic weapons are not abolished. Otherwise, it will stand quietly in a corner of the planet.

Rated: 5 Intimidation points/187.6 Destructo-ravage points.

LIMITATION ON LIABILITY

Seers will not be liable for loss or damage due directly or indirectly to anything that happens when a para-military robot is put into operation. Some planets do not allow Seers to get away with this. Seers reserves the right to use its para-military robots against such nerdish planets.

Cylons 4

3) Kronos. For use in absorbing all energy on an energy-rich world, such as Earth, and accumulating this force for far-off energy-depleted worlds. The first day after it landed off the coast of Mexico in the 1957 Kronos movie, it started an avalanche, crushed scores of peons, and consumed an electric power plant. The next day it ate an H-bomb (and the B-52 bomber carrying it). In excess of one hundred feet tall. Caution: can be short-circuited.

Rated: 427.9 Intimidation points/21.7 Destructo-ravage points

4) The Cyclons of "Galactica." The very latest in brutal paramilitary servo-mechanisms. For use in intersellar police operations and urban planet renewal. Gleaming metal surface will not tarnish in normal use. Warning: Cyclons do not respond well to humans. Rumored to be organic.

Rated: 1224.8 Intimidation points/6278.9 Destructo-ravage points

WHAT RATINGS MEAN

The greater the damage, the more effective the robot

All Purpose Companionable Robot

Robby the Robot of Forbidden Planet (1956).

Communicative range: Speaks 128 languages, dialects, and

BioChem Synthesis Functions: Just slip a sample of any organic product into the handy chest input slot, and unit will synthesize product in unlimited quantity.

Activities: Cooks dinner, cleans living quarters, makes clothes, greets guests at their spaceship, brings them to your dome, insults them, drives them back.

Handsome enough for culturally advanced worlds, sturdy enough for forbidden planets. More than half assembled before we ship it.



OUR FINEST LIFELIKE ANDROIDS Also in Saloon Girl, Medieval Knight and Roman Legionnaire Models



Tough, Rough-house, Western Gunslinger Android direct from Westworld.

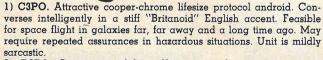
C3PO

R₂D₂

Wear-resistent, perma-plast fibers intricately woven to capture the rugged, saddle-sore look ... rides, swaggers, boozes, threatens, curses, menaces ... quick accu-draw sharpshooting. Full warranty for 12 months or 12,000 quickdraws, whichever comes first. Just call Seers and say "Beam it over."

Robots, androids, Cyborgs, servo-mechanisms for home and skylab





2) R2D2. Compact, mobile, self-steering information-processing and retrieving system. Stores blueprint data for gargantuan Imperial spacecraft. Records holographic messages of pretty girls. Interface adapter for auxilliary uses, including navigation of X-wing fighters. Unique repetoire of charming, synthesized sounds.

3) Drones. Handy, do-it-themselves, fix-it robots ideal for simple mechanical maintenance of orbiting spacecraft. As seen in Silent Running, drones can be easily reprogrammed for dozens of other convenient tasks, such as watering plants and playing poker with stranded space men. (Note: cheating at cards not covered in warranty)

4) Muffitt II. Cute, agreeable, robot pup. Ideal for interstellar caravans fleeing dreaded Cylon warriors and other deep space excursions. No feeding required. Durable flea-resistent construction.

Does not need to be walked.

Guaranteed not to make a mess. Light brown.

MORE **GALACTIC TRIVIA**

- 1. Star Wars C3PO was played by a) Roddy McDowall

 - b) Kenny Baker
 - c) Anthony Daniels
 - d) Richie Cunningham
- 2. On The Day The Earth Stood Still,
 - a) Everyone stood around silly for a half hour
 - b) Electricity was shut off for a half hour
 - c) Earth stopped orbiting the sun for a half hour
 - d) Reggie Jackson struck out
- The secret words that activated Klaatu's robot Gort in The Day The Earth Stood Still were
 - a) "Klaatu alpha omega"
 - b) "Klaatu nikto barada"
 - "Klaatu notary public"
 - d) "Hey Gort baby, get up and do your thing!"
- 4. The human star of Silent Running was
 - a) Bill Bixby
 - b) Bruce Banner
 - c) Kris Kristofferson
 - d) Bruce Dern
- 5. The names of the three robot drones in Silent Running were
 - a) Moe, Larry and Curly
 - b) Huey, Dewey and Louie
 - c) Sabrina, Kelly and Kris
- d) Crosby, Stills and Nash 6 The movie Robby the Robot made after Forbidden Planet was
 - a) The Brain From Planet Arous b) The Creeping Unknown
 - c) The Invisible Boy
 - d) Babes on Broadway
- 7. As a special favor to Dr. Morbius' daughter Altaira, Robby the Robot

 - a) Sang "Melancholy Baby"
 b) Did a Jimmy Cagney imitation
 - c) Recited Emily Dickinson poetry
 - d) Made Altaira a new dress
- 8. At first glance, the only conspicuous difference between West World androids and real people is
 - a) Their malformed middle fingers
 - b) Their alassy eyes
 - c) Their ability to speak through their ears
- d) They all look like Yul Brynner 9. In Sleeper, Woody Allen pre
 - tends to be a robot until a) Diane Keaton brings him in for repairs
 - b) Diane Keaton winterizes him with STP
 - c) Diane Keaton asks him how to spell "Peripheral interface adapter"
 - d) Diane Keaton airmails him to Barcelona
- 10. Tobor the Great was
 - a) another movie robot
 - b) the mentor of Robby the Robot
 - c) The Czar of Russia
 - d) The magician in The Magic of Lassie

YAY! Parker Bros. has upped the ante! This month, doubtless in honor of S. Claus, we're giving away 50 prizes instead of the usual 25. Each of the first 50 people to send in completely correct sets of Galactic Trivia answers will receive a fab new Battlestar Galactica game. In case of ties, earliest postmarks win. Send answers to GALACTIC TRIVIA, PIZZAZZ, 575 Madison Ave., NY, NY 10022. Marvel and PIZZAZZ employees and intelligent life forms from outer space, as usual, not eligible. Include your address. Void where prohibited by law.



Just in time for the traditional winter flurry of UFO sightings, PIZZAZZ will be publishing in January our long-awaited, definitive, you-won't-want-to-be-without-it-when-there's-astrange-bleep-at-your-door-at-4-in-the-morning WHAT TO DO WHEN THE MARTIANS ARRIVE Special Kit. Let's show a little politeness to the next wave of alien invaders! Let's show 'em the kind of hospitality for which us Earthlings have long been justifiably famous! Let's not let 'em think we're a bunch of slobs and boors. So buy the January PIZZAZZ and find out what YOU can do to make Earth seem like a nice, friendly, polite way-station along the intergalactic superhighway. Also in JAN.: another mag-within-our-mag, SIMPLETEEN (not based on any other magazine full of clothes that all girls buy), more stars, more movie stuff, more Star Wars and sci fi, etc. etc. PIZZAZZ, as usual, will be PACKED. Louie the Office Pet is spending a delightful Christmas in Cambridge, MA. and reminds everyone and their parents to be good on New Year's Eve or else everything will taste like dogfood the next day.

OCTOBER GALACTIC TRIVIA WINNERS

Peter Goodman, New Mexico Richard Becker, Connecticut Charles Hoggatt, Louisiana Gregory Wilcox, New York Danny Hernandex, New York John Lewczyk, New Jersey Michael Rocco, New York Ricky Giampietro, Michigan Mike Russell, Ohio Randy Ouimet, Ontario, Canada Narinder Dehal, Ontario, Canada Paul Syros, Michigan Ashby Manson, California Brent Brefka, Michigan Stan Wiwigacz, Michigan Dennis Schamp, California Terry Allen, California Mark Montreuil, Ontario, Canada Ken and Rolf Wasserman, New York Ruby Chin, New York Georg Beliard, New York Pat Cassidy, Ontario Canada Stephen D. Patterson, Ontario, Canada Peter Chin, New York Mike Wood, Missouri

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SPECIAL EFFECTS HOWTHEY DOWN

Hey, sci fi fanatics by the millions! S.B. wants to thank you for the overwhelming support you've given his series—and he just wants to let you know not to worry, he's not about to run out of topics, the P.I.H.O.S.F.I.T.M. is not about to be concluded—in fact he figures he ought to just be getting around to "The Producer's Brothers-In-Law" by about March, 1982.

By Sheldon Bart

Starships zooming into intergalactic battle formations. Awesome monsters clawing at helpless heroines. Dazzling solar auras. How do they do it? Most special effects secrets are carefully guarded. Columbia Pictures had as much security surrounding the Close Encounters aliens as the Pentagon has around the atomic bomb. The battle for bigger and better galactic battles still goes on, with Twentieth Century Fox-the Star Wars distributor—suing ABC—the Battlestar Galactica broadcasters—for ripping off Twentieth Century's star ship and laser blast panoramas. But agents of P.I.H.O.S.F.I.T.M. (PIZZAZZ ILLUSTRATED HISTORY OF SCIENCE FICTION IN THE MOVIES), skulking around in long dark trench coats with big brimmed hats pulled down over their eyes, have ferreted out ***INSIDE SOURCES*** and ***OFFICIAL DOCUMENTS*** that reveal what goes on behind closed doors at the special effects factories, such as John "Star Wars, Battleship Galactica" Dykstra's innocently named Industrial Light and Magic Works in Van Nuys, California.

Basically, the major secret is that the special effects guys make very small models of things like starships, monsters, and planets that look very big on screen in the finished film. Sometimes, however, things that are supposed to be very small are made big for the screen. In 1966's Fantastic Voyage, the Raquel Welch movie about doctors who were shrunk in size, put aboard a tiny little vessel, and injected into the body of a mortally-wounded scientist, the interior of the scientist's heart was a latex set 130 feet wide and 30 feet high. The brain set was 100 by 200 feet of spun fiberglass 35 feet high.

Camera gimmicks account for other aspects of special effects. In 2001, when a life pod from the starship Discovery maneuvers out into space to retrieve the body of Astronaut Poole, both the pod and the ac-

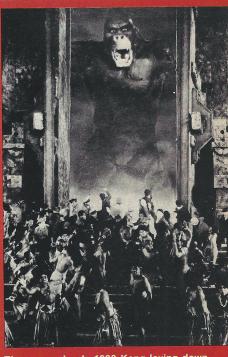
tor were hanging by wires from the ceiling of the studio. The camera filmed all the action from the ground up. The starry background was pasted in later.

Then there are also the little bits of

Then there are also the little bits of genius that just occur on the spur of the moment. For example, to film a short sequence of solar flares for



The original King Kong atop the Empire State Building.



The one and only 1933 Kong laying down the law on Skull Island.

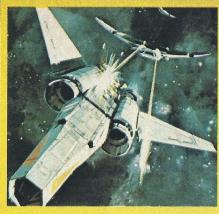
Galactica, John Dykstra's crew spent hours filming a laser beam reflected off such items as a bowling trophy and a fire extinguisher. Some gorgeous colors were produced this way, but the crew wasn't satisfied. It just wasn't right. Then Dykstra literally picked off a table the Oscar he won for Star Wars special effects and said "let's try this." They shot the laser onto the Oscar, brilliant gold and red colors were produced—and that was the shot they went with.

New devices may come and go in the Hollywood special effects labs, but the classic effects will always be talked about and revered. Here are the first of the ten best effects ever, and the secrets of how they did it.

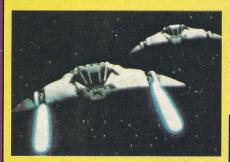
King Kong-the original, the golden oldie, not the screwy newie-was a marvel of special effects. The major technique employed was "stop-motion animation." This means that a model of a monster is put in place and one frame of the film is shot. Then the camera is stopped, the animator moves the monster's arm slightly upwards, the camera is turned on, another frame is shot, and the procedure is repeated until the arm of the monster is lifted all the way up. On film, it looks like the monster raises his arm all at once. Then they adjust the model—millimeter by



Beauty and the Beast: Fay Wray and King Kong. "Getting to know you. Getting to know all about you..."



A Battlestar Galactica Viper fighter being zapped by a Cylon raider.



Two Cylon raiders rocketing into action against Battlestar Galactica.

millimeter, frame by frame-for whatever action the script calls for. The 1933 Kong was an eighteen inch model made out of rubber. It had ball and socket joints at the shoulder and legs that could be easily moved, and was covered over in rabbit's fur. Willis O'Brien, the master stop-motion animator and modelmaker, made miniature jungle sets for the model to strut his stuff in. The Empire State Building, the site of Kong's last stand, was a scale-size model, and the biplanes pawed down by the ape were models held in place by thin wires. Of course shots of real biplanes in flight were intercut with shots of Kong swiping at the models.

Combining footage of Kong with footage of real live actors in convincing composite shots was the real triumph of the movie. Some Kong + people scenes were made with a twenty foot high, bear-hide model of King Kong's head and shoulders and a giant mechanical hand that worked like a crane. But the best parts—the shots of Kong protecting Fay Wray from the prehistoric monsters of Skull Island and the climatic Empire State Building showdown—were made by first filming the eighteen inch Kong in his



Special effects king John Dykstra with a model of a Galactica Viper and the Oscar he won for Star Wars.

miniature sets, then grafting onto those shots footage of Fay Wray screaming in the studio. Maybe the greatest sequence of all, specialeffects-wise, was when Kong, after carrying Fay deep into the jungle, puts her down and rips her dress off. To accomplish this, Fay's dress was hooked to very thin (and invisible to the camera) wires, and a movie was made of the wires yanking her dress off. Then the miniature Kong was set up on a miniature set, and the movie of Fay Wray was projected on a screen behind it. Kong's movements were made to fit in with what was happening on that screen.

Stop-motion animation is a slow and expensive process that scares off all but the most adventurous of movie producers. The great chess sequence of Star Wars-the scene where Chewbacca and C3PO move little weird writhing monsters all over a chess board—was a gem of stop-motion photography. Ray Harryhausen—protegé o<u>f Willis</u> O'Brien and the man who created the stop motion monsters of The Beast From Twenty Thousand Fathoms, It Came From Be-Neath The Sea, Twenty Million Miles to Earth, and First Men in the Moon—is rumored to be creating jungle creatures for the next Star Wars.

STAR WARS and BATTLESTAR GALACTICA

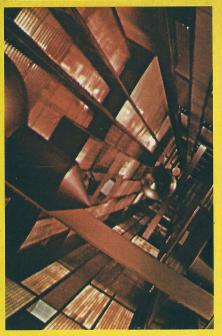
Dogfights. John Dykstra, presiding special effects genius of **Star Wars**

and Galactica, has created a camera device that uses computer electronics to achieve the spectacular shots of X-wing fighters swooping down on the Death Star and Viper squadrons peeling out against a fleet of Cylon raiders. The camera moves around the ships. The computer, to which the camera is attached, is programmed to make the camera repeat the same movements over and over again. This makes it possible for one Viper after another to break formation and zoom into battle with exactly the same wing-overwing pattern of movement. The ships themselves are miniature models, made out of plastic, and customized with rotors, turrets, bulkheads, and grillwork grabbed from ordinary hobby kits. It took three months to put the Galactica together. The model is 72 inches long, and Dykstra says "all manner of stuff went into it—parts of any kind of model you can imagine: trucks, tanks, trains,

Viper fighter models, less than 12 inches long, have little pipes hooked up to their bottoms that emit carbon dioxide gas—it's the carbon dioxide (CO2) that produces the vapors streaming out behind the fighters when they zoom off into deep space. To get these kinds of shots, the camera moves backwards away from the model, and the film is shot in very slow motion. When it's played back at regular speed, the ship looks like it's hurtling forward at super high speed.

Dogfight sequences take a long time to shoot because for each single scene, the different models and separately and combined later. In a Galactica sequence showing two Cylon raiders attacking a battlestar, for example, first the battlestar is shot, then the Cylon raiders, then the exhaust vapors trailing out behind them, then the laser flares being fired at the battlestar from the raiders, then the backdrop of stars (which is made by holding a piece of black velvet with pin holes in it up against a light). Finally all the parts of the scene are put together in one composite shot. In Star Wars, it took 3838 individual shots to make 365 composite special effect shots.

Altair IV—the **Forbidden Planet** of the great 1956 movie—was originally inhabited by a master race, the Krell.



The gigantic Krell energy generators of Forbidden Planet.

Advanced beyond our wildest conceptions, the Krell built gargantuan energy plants hidden underground that took care of all their needs. The Krell only had to think of something, and the great energy planets would provide it. The most stunning scenes of the movie were when Pro-

fessor Morbius took the officers of United Planets Star Cruiser C57D on a tour of the underground plants. It looked like the actors were walking through a dynamo the size of the Grand Canyon. The Krell wonders were all painstakingly crafted miniature sets. But they weren't all that small. Some were thirty feet high and ten feet wide. When Morbius and the astronauts walked across a catwalk from one section of the giant Krell machines to another it looked like they were thousands of feet above an eerie bottom. They were really walking across a ramp in the ing the ramp was pasted onto the footage of the set—all very precisely and finely done-so it looked like across the middle of a gigantic

maybe the greatest special effect of all five. It occurs when astronaut Bowman (Keir Dullea) approaches the planet Jupiter—and it was the result of a neat bit of photographic trickery. "It was like photographing car headlights at night with the shutter open," said Douglas Trumbull, 2001 effects wiz. "If you did



A pod from the 2001 starship Discovery fetching the hapless astronaut.



The spectacular 2001 light show—the special effects exhibition that made everyone sit up and take notice.

that, you'd get streaks of light. Then if you had the cars blink their lights on and off you'd get streaky dots. And if they all drove in a certain pattern, you'd get a pattern of streaky dots." Trumbull did just about the same thing—but on a larger scale. He placed a light source far from a camera and made it flicker in complex patterns as it moved closer to the camera—all the while keeping his shutter open to let an enormous amount of these shafts of light accumulate on the film.