

MINERALS, GEMS & METALS

LANGUAGES

VOCABULARY

MINERALS, GEMS, **METALS**

1 MINERAL FORMATION

Minerals are solid mixtures of chemicals. Minerals in turn combine to form rocks. For instance, granite rock can be made up of the minerals guartz, feldspar, mica, and even the gem tourmaline.

Minerals are formed in three basic ways:

- bottoms or riverbeds are exposed and dry.
- **Igneous**: The smallest group, these minerals are formed from cooled magma and lava. They include magnetite, granite, and the rock pumice.
- **Metamorphic**: heat and pressure deep in the earth form these (the hardest) minerals, which include the gemstones.

2-SPECIFIC STONES

Most of the following minerals in this section are architectural or sculptural materials, too common and/ or fragile to be used as jewelry but useful and lovely for more massive applications.

- Cavarite: Metamorphic rock, deep grey-green or blue-green in color, used by the *Earthwardens* in all their most important structures. It is incredibly hard and resists weathering better than any other stone. Only the hardest steel tools can do more than scratch it. The source of Cavarite has never been located.
- Granite: Dense, igneous rock used in construction and outdoor sculpture. Granite can be polished to a high luster, and most has an elegant dark grey or black color with inclusions of similar color.
- Ky'taal: A translucent white marble, workable but resilient. It is found almost exclusively in the Mur Fostisyr region of used decoratively as slabs; or, they may be carved into northwest Jaiman.
- Limestone: Yellow-grey, sedimentary rock created from it is a soft stone frequently used in construction.
- Marble: This decorative, dense limestone is formed in many varieties. The finest, ungrained white marble is known as Pentallic, used chiefly for sculpture because of its regularity. primarily for architectural uses such as building facings and floor tiles. Travertine is a pale brown color, laced with myriad small wormholes (actually air bubbles) also favored for building use. Pentallic is white with a translucent appearance.
- Porphyry: A smooth purplish rock, sometimes with veins, used as facings on special buildings and for sculpture.
- **Orhan Marble**: While not really from the Great Moon, this attack (depending on how much and how pure the marble necklace weighing a pound. is) when passing through a doorway of Orhan Marble. Even other identity-cloaking devices/spells) the marble will glow of about one 10th of an ounce (similar to about 10bright blue. Orhan Marble was used long ago in the

construction of certain good places of power, but the material is rare and hard to work. In small quantities it is not very useful

- Sandstone: Another popular building material, sandstone is sedimentary, created by compressed layers of sand. While easy to carve, it resists erosion relatively well.
- Slate: Grey, green or deep blue metamorphic rock easlity split into flat smooth plates; often used in roofing.

3.GEMS

Among the most precious of objects in any preindustrial society are gems and jewels. Below is a list-Sedimenary: The softest and often youngest minerals, ing of gemstones a PC might encounter (if he is these are created by evaporation as sediments on sea lucky). A few of the gems described below are intrinsically enchanted and their properties are indicated.

GENERAL DESCRIPTION NOTES

Most minerals gems are either crystalline, occurring as single stones, each with a definite structure that is regularly repeated throughout crystals of the same sort; or massive, occurring as continuous masses of that mineral, having no regular structure that is readily discernible.

Crystalline stones are generally smaller, more valuable, and often faceted—a process by which they are flaked or ground into a series of flat faces that together usually form one of several customary cuts, in the shape of symmetrical but irregular polyhedra.

Both crystalline and massive stones may be smooth cut, which is the act of forming them into regular shapes with flat surfaces suitable for engraving (such as often found in signet rings). They may be made into cabochons, which are oval or round dome-like shapes with one flat side for mounting on various surfaces. They may also be carved into beads, figurines, or other shapes, or simply polished in the natural shape of the stone. Massive stones are sometimes found large enough to be shaped like one would wood or architectural stone; sections may be sawn off and jars, bowls, and other functional shapes.

Inclusions are any of the specks of material, fossilized remains of tiny creatures or from mineral deposits; bubbles, tiny flaws, impurities and the like which affect the appearance of a stone by their presence. Cat'seye stones, found among many mineral families, are caused by certain patterns of inclusions which, when a stone is shaped properly, present an appearance like Red, green and blue varieties with fine veins are valued the slit-shaped pupil of a cat's eye. Star gems have analogous patterns creating the illusion of a pale, sixrayed star. Both cat's-eyes and stars must usually be cut into cabochons to display these effects.

GEM VALUES

As noted above, gems listed below fall into two basic types: crystalline and massive. This is to some beautiful blue-white stone has innate properties which extent also how the gems break down into categosuggest an almost 'heavenly' origin. "Evil" beings or creatures ries of value. Obviously, a cut ten-tal diamond has which serve the Unlife must make a RR vs a 2-10th lvl value on a completely different scale than a jade bead

Therefore, values are given for the more *rare* gems if they succeed, if they do so by less than 50 (and have no (usually crystalline) per tal, a weight measurement

15 Terran karats).

GM Note: to help you get a 'feel' for the weights we are discussing, get five quarters. Together they weigh almost exactly an ounce (ten tali). One quarter weighs about two tali.

In addition, this should not be a strictly sliding scale, as larger gems would be relatively much more valuable. In some of the most treasured gems, the value may actually double for every additional tal. (e.g., a one-tal diamond would be worth 50SP, a 2tal gem 100SP, 3-tal 200SP, 4-tal 400SP, etc. It is probably only this steep of a progression for a handful of gems: adamant, diamond, emerald, for instance.

The value of a given stone will depend on its size, color, relative freedom from flaws, and the skill with which it has been polished and/or cut. Values given assume the gem has been cut and polished.

Common: Common gems (including massive stones and some more plentiful crystalline forms) are valued per ounce. Unlike rare gems, common gem values do not increase exponentially with the size of the gem. While this is also generally the value of a finished item, the value of the workmanship becomes relatively more important, multiplying the worth of the object from 2 to 10 to even 100 times.

GEM NOTES & MAGIC

In italics after some gem descriptions are notes regarding their intrinsic magical powers (if any), or their potential usefulness as a receptacle for enchanting. Some gems are more receptive to certain realms and types of enchantment than others. If a realm but no specific power is mentioned this means the gem has no intrinsic powers but is well adapted for use in magical items of that realm, such as a spell point enhancer.

GEM DESCRIPTIONS

- Adamant (200+ sp/tal): A clear white stone similar in many ways to the diamond, but even harder and more brilliant. It is exceptionally rare and of course difficult to facet.
- **Alexandrite** (1 sp/tal): Alexandrite is an unique variety of chrysoberyl (see below). In daylight, an alexandrite is brilliant green with a vague bluish tint; in the light of a flame it appears red with a hint of blue. It is normally faceted.
- **Amber** (1 sp/tal; varies): Amber is the hardened resin of ancient giant conifers. It is normally pale-gold to deep-gold color, but also appears as murky, near-black "bog amber." The most transparent golden pieces are more valuable, and the rarest and most precious of these have bits of plants, or even whole insects, preserved within. More valuable still (2-4x) in the markets of Sel-kai is blue or green amber, found in the forests of Khûm-kaan (and of course blue or green amber with an imbedded insect is most prized). Amber is carved into beads and cabochons, and sometimes larger, more intricate shapes. It is very brittle, somewhat flammable, and relatively soft.
- **Amethyst** (1 sp/tal): Amethyst is the pale to deep purple form of transparent crystalline quartz. Amethyst of real value is completely clear; such stones are faceted. Pale stones, or those with many inclusions, are often polished and used as beads. *Mentalism. Enhances mental clarity; improves memory.*
- **Aquamarine** (5 sp/tal): The Aquamarine is a transparent crystalline stone of a pale blue-green; like the emerald, it is

a type of beryl, but it shows fewer flaws than an emerald of equal size. It is normally faceted. A favorite of the Linæri Elves. *Mentalism*.

- Aventurine: (20 sp/ounce) Blue-green, opaque, with gold flecks; usually polished into cabochons. *Channeling. Brings joy; cures anxiety. Used in items repelling Fear.*
- **Azurite** (10 sp/ounce) Azurite is a form of copper ore, an opaque massive stone of a deep pure blue color, generally uniform but sometimes slightly mottled. It is polished and cut into beads, cabochons, and similar shapes; a stone of uniform color is more valuable.
- **Banded Agate** (1 bp/tal) This is the translucent-to-opaque, multi-layered variety of massive quartz. The layers may include brown, black or white (onyx), pale blue (chalcedony), red-orange (carnelian), and many others, each in a thin layer.
- **Beryl**: A name given to a variety of gemstones, including aquamarines, emeralds and heliodors (a golden hued beryl). Value varies with color.
- **Bloodstone**: (10 gp/ounce) A soft, sandy stone dark red in color. It can stop a wound bleeding up to 5 hits per round in seconds by just placing the stone over it. Each 6 oz stone will only work once before the virtue is spent, however.
- **Bluestone**: (10 gp/ounce) Similar to Azurite in appearance but enchanted. Protecting against evil Essence, a talisman of a Bluestone (of one ounce or more; though more than 1 ounce adds no more protection) worn around the neck adds +10 to RRs vs all Essence spells (including spells the wearer may want cast on him).
- **Carnelian**: (10 sp/ounce) Red-orange in hue, another form of massive quartz. Enhances creativity and prosperity. Sometimes used in counting-beads. Mentalism.
- **Chalcedony** (5 sp/ounce): This is a translucent-to-opaque, blue-white to pale blue or blue-gray form of massive quartz. It occurs in evenly colored and in banded forms.
- **Chrysoberyl** (5 bp/tal): Chrysoberyl is a transparent, greenishyellow to green, crystalline stone. Clear stones are faceted; the cat's-eyes are cut as cabochons. A favorite gem of the Erlini.
- **Citrine** (5 bp/tal): This is transparent form of crystalline quartz, ranging from pale yellow to amber in color. Many stones are polished and made into beads, or carved into small cups, figurines, and other shapes; clear specimens are faceted.
- **Coral** (5-10 sp/tal): Coral is the skeleton of tropical marine polyp colonies; jewelry-quality coral is exceptionally compact, solid and free of pores. The chief "red" variety also occurs in shades ranging from pure white to very dark red; black and blue varieties also exist. All forms are polished and carved into beads, cabochons, or figurines.
- **Diamond** (500-1000 sp/tal): Diamond is a transparent, crystalline stone, the hardest substance known in nature aside from Adamant. The most valued color is a clear bluish-white, but other less valued color varieties are known, among them yellow and pink. The gem is always faceted.
- **Eissa's Tears** † (500 sp/tal): Clear, pale blue gems, Eissa's Tears are said to warn and protect against death. Indeed, if blessed by a Sister of Eissa, they have mystical powers. A minimum of one carat is required, though a larger stone (or more than one stone per person) does not enhance its qualities. Channeling; must have 'Bless V' cast by a sister of Eissa; detects servants of the Unlife within 200' by giving off a bluish glow, and add +20 to RRs vs Absolutions cast by evil beings (if the wearer's RR fails, the gem shatters).
- **Emerald** (100-200 sp/tal): This is a deep bright green variety of beryl, transparent and crystalline. Usually it is faceted,



- **Fluorite** (1-10 sp/ounce): Pale green or purple in color, it has a cloudy-translucent appearance, and can be made into beads or cabochons. Technologically advanced smiths know of fluorite's usefulness in making alloys.
- **Garnet** (10 sp/tal): Garnet is a transparent crystalline stone; in addition to the usual orangish-to purplish-red or redbrown, garnets also occur in black, violet, and even green color varieties. The violet form is most valuable. Small crystals, the most frequently occurring form, are sometimes drilled and strung into necklaces; larger stones are faceted.
- Jacinth (500 sp/tal): The jacinth is the orange to fiery redorange variety of the hard, transparent crystalline mineral corundum (*ruby* and *sapphire* are also corundum). It is faceted, except in the case of rare translucent cat's-eye and star jacinths. *Essence. Often used in PP multipliers.*
- Jade (4-20 sp/ounce): Jade is a translucent-to-opaque, massive stone with an oily luster. It occurs in several color varieties: shades of green, including a near-transparent bright green and the rare spinach-green jade with golden glints; white, waxy-looking white jade; and the uncommon yellow, blue, red, black and lavender varieties. It has been carved into beads, cabochons, pendants, vases, buttons, figurines, bottles, weapons, and a myriad of other forms, for it is hard and dense, and carves well. Promotes tranquility. A favorite of Animists and Herbalists.
- **Jet** (10 sp/ounce): Glossy black, opaque and massive, jet is actually a very hard, dense, compacted form of coal. It is usually faceted, or simply polished, for beads and pendants; it is sometimes carved into figurines and other shapes.
- **Lapis Lazuli** (1 sp/ounce): Lapis lazuli is a dense, opaque and massive stone of a medium to deep blue color, sometimes flecked with golden specks. It is carved into cabochons, beads or figurines, and is used in slabs for tables, boxes, etc., and for inlay work.
- **Malachite** (1 sp/ounce): This is an opaque massive stone, striated in bands of lighter and darker green. It is carved into beads, figurines, cabochons, and the like, and is also sawn into slabs that are used as inlays or veneers.
- **Moonstone** (5 sp/ounce): Moonstone is a white, translucent, massive stone that shows a distinctive white or blue-white play of light, resembling moonlight; there are also greenish, gray, and even red-brown varieties. It is always carved into beads, cabochons, and similar shallow, rounded forms to bring out this effect.
- **Moonstone [magical variety]** (20 sp/ounce): As much novelties as talismans, moonstones are carved in flat cabochons, normally set in a hoop-shaped rim and worn around the neck. They must then be aligned, either to Orhan or Charón. To align to Orhan, white wine is poured over the stone, and it is left out on a cloudless night when Orhan is full. Thereafter, it will match the phases of Orhan. To align to Charón, the same process is employed, but using animal blood (it need not be human) instead of wine. Charón-aligned Moonstones will glow red on the Night of the Third Moon. Channeling
- **Obsidian** (1 bp/ounce): This is a volcanic natural glass, opaque to semi-opaque, that occurs in black, gray, and red-brown varieties, as well as "snowflake obsidian," which is black with whitish specks. It is carved into figures and ornaments, and an obsidian blade can be flaked to a sharpness not attainable by any metal edge—exceeded only by the much stronger (and more expensive) laen. *Channeling*

- **Onyx** (5 sp/ounce): Onyx is a porous and opaque form of massive quartz, occurring in black or white or a black-and-white layered variety. It is made into beads and cabochons; smooth-cut for signets and the like; and carved into bowls and figurines.
- **Opal** (10-20 sp/tal): This is a translucent, massive stone, usually pale blue-white but displaying an array of red, yellow, green, and violet highlights when light is reflected from its surface. Many varieties exist; a mosaic of small colored areas of play is the mark of a "harlequin opal;" the near-transparency and a moonstone-like appearance distinguish a "water opal;" near-opacity, paleness and limited play of color indicate the common "milky opal;" and there are several others (see black opal and fire opal). It is made into cabochons and other low, rounded shapes to best display the play of colors. It is a soft and somewhat brittle stone. Heated opals may lose part or all of their opalescent color play, and thus much of their beauty and value. *Essence*
- **Opal, Black** (10-25 sp/tal): Black opal is that variety of opal in which the body color is smoke black, deep green, and dark blue, forming an almost opaque background in which its opalescent color play is displayed. It otherwise has the properties of the other forms of opal. Favored by the Dyari. *Essence*
- **Opal, Fire** (10 sp/tal): This is an orange to orange-red form of opal, ranging from transparent to transparent with mottled translucence. It does not always have the intricate color play of other opals; when play is present, the stone is more valuable. If transparent, it is often faceted; usually it is made into cabochons otherwise. *Essence. Frequently used in fire-related items.*
- Pearl (1-2 sp; pink, blue 2-5 sp; Black 5-10+ sp/tal): The pearl is the end product of layers of secretion with which certain mollusks surround bits of foreign matter in their shells. When the secretion hardens, it takes on a unique luster which originates in its dispersion of light just below its surface. It occurs in many shapes: round, teardrop, "button" (flat on one side), and the myriad irregular forms. As well as the traditional "pearly white," these stones come in less common color varieties in a range from yellow and pale rose to the rare, lustrous deep black. They are mounted in all sorts of jewelry settings (mountings often use half-pearls), and, being easily drilled, are strung in various ways-by graduated sizes or in a uniform string; in single, multiple, or even braided strands. Fresh-water mollusks sometimes yield pearls, but these are usually of much poorer quality than pearls from a salt-water mollusk. Pearls are quite vulnerable to acid, fire, and electrical attacks, to crushing blows, and other physical trauma. They may be damaged by sudden changes in temperature, and are alleged to deteriorate if left untouched by human skin for great lengths of time, although sea water will supposedly negate any such deterioration. Mentalism.
- **Peridot** (5 sp/tal): A transparent, crystalline stone, usually a clear yellow-green, although it can vary from near emerald-green to almost an olive green. The better stones are faceted; flawed or cloudy stones are polished for beads or made into cabochons, as are the occasional cat's-eye peridots.
- **Piezoquartz** † (1-20 gp/ounce): This special variety of quartz is usually clear or pale blue and has the ability to acquire and store powerful electrical charges. The Lords of Essænce were no doubt the first to discover the properties of these gems, but for them the limited power available made them more of a novelty. The cultures who were truly able to exploit these gems were the Taranians and the Jinteni ???, who built vehicles and tools powered by piezoquartz jewels. With the exception of a rare variety of tourmaline, piezoquartz jewels were usually fairly massive (8 oz—2 lbs) and faceted as

spheres. These gems are extremely rare, but of course much of their value is based on their power which few understand how to tap.

- **Purple Sapphire** (10 sp/tal): Purple Sapphire is a variety of the hard, transparent, crystalline mineral corundum with a color closely resembling that of *amethyst*. It is normally faceted, except for the rare cat's-eye and star forms.
- **Quartz**: (1 sp/tal) This mineral is actually the most common in the planet's crust. Crystalline quartz is the more rare, transparent variety. Purple quartz is amethyst, yellow quartz is citrine. *Mentalism. Cures mental illness, anxiety.*
- **Rhodochrosite** (1 sp/ounce): This is an opaque stone ranging in color from pale pink to medium red. It occurs mostly in a massive, banded form, and occasionally in single-colored opaque crystals. It is made into beads, vases and the like. It is a somewhat soft stone. *Mentalism. Strengthens self-identity; used in defense against mental attacks.*
- **Rose Quartz** (1 sp/tal) Pinkish translucent quartz, can be made into beads or cabochons. *Channeling. Inner peace, healthy skin. Used in some healing items.*
- **Ruby** (50 sp/tal): The ruby is a moderate-to-deep red, transparent variety of the hard crystalline mineral corundum (*sapphire* and *jacinth* are also corundum). The finest rubies are absolutely clear and uniformly of that deep red color called "pigeon's blood;" lesser stones may vary from a paler red to a somewhat garnet-like red tinged with a purplishbrown. It is usually faceted, but cloudy specimens may be made into cabochons, as may the rare cat's-eye. *Essence*
- **Sapphire** (10 sp/tal): This name is traditionally reserved for the moderate-to-deep blue gem, one of the hardest substances in existence; "sapphire" is also sometimes used to refer to other color varieties of corundum, such as the "orange sapphire" or *jacinth*. The sapphire is usually faceted, but there are the occasional cat's-eye sapphires; see also *black sapphire*. Among the color varieties of corundum that are not given other names, and are therefore called "(color) sapphires," are pinkish, chartreuse, clear/white, and brown; and each color of corundum occurs in cat's-eye and star forms as well. *Channeling*
- **Sapphire, Black** (50-70 sp/tal): The black sapphire is a blueblack form of the sapphire, so dark as to approach translucence. It is usually faceted. *Dark Channeling*
- **Sardonyx** (5 sp/ounce): This is a form of massive quartz consisting bands of the translucent to opaque "sard" (see carnelian) and opaque white onyx. It is carved into beads, cabochons, figures, seals, and other shapes.
- **Topaz** (5 sp/tal): Topaz is a transparent, crystalline stone, normally yellow to golden yellow-brown in color; colorless, pink, and blue varieties are also known. Because it cleaves easily, it is often difficult to cut well; it is generally faceted, but cloudy specimens may be cut as cabochons or pendants. *Essence*
- **Tourmaline:** (1 sp/tal): Greenish-black crystals often found with beryls. Some tourmalines have have the ability to be very effective piezoelectrical capacitors, and are valued because of their relatively small size-to-power ratio.
- **Turquoise** (1 sp/ounce): Turquoise is a translucent-to-opaque massive stone, blue to greenish blue in color; it frequently occurs with brownish veining. The most valuable is skyblue, translucent, and without veining; the least valuable (and most common) is green-blue, opaque and heavilyveined. It is usually cut into cabochons, or beads and pendants; large pieces may be cut into figurines, and pebbles of a size may be polished and strung together.

Zircon (5 bp/tal): This is a transparent, crystalline stone; in addition to the usual pale blue-green and orange-red varieties (these two being the most valued), the stone also comes in brownish-yellow, reddish-brown, green and purple varieties. It is brittle and difficult to cut, and is traditionally finished as small faceted stones.

4·USEFUL/PRECIOUS METALS

The following rare metals are (with the exception of metals used for money such as gold and silver) usually traded as ingots weighing 4 oz, 8 oz, one pound, five pounds. Normally the buyers are smiths, metalcrafters, and jewellers, rather than the average consumer.

The more-or-less standard gold piece weight is onehalf ounce; values below are listed in sp per ounce.

- **Beryllium** (30 sp): A pale grey metal, usually with a dull lustre, it is used in jewelry and some weapons. It is favored by the Loari and found in Kuluku baws.
- **Braizium**: (10 50 sp) A bronze-colored metal occurring naturally in certain mountains near vulcanism and in underground caverns. It requires high temperatures to work, but can be buffed to a bright shine and does not oxidize or otherwise corrode over time. This quality makes the substance ideal for structures exposed to the elements. Braizium does not hold an edge well, nor does it resist sudden stresses without cracking-thus it is not used to make weapons.
- **Bronze** (.2 sp): An alloy of copper and tin, bronze is used for coinage, tools and implements, and cast sculpture.
- **Gold** (20 sp): Most precious of the 'common' metals, gold does not corrode, and has a yellow luster which cannot be matched. Very soft in its pure state, it is usually alloyed with other metals; used for coinage, jewelry and decorative work.
- **Iridium** (40 sp): Usually used in making alloys (often with platinum), iridium is a white metal.
- **Platinum** (40 sp): A hard, silvery-grey metal, platinum is used for coinage in some areas, but primarily used in jewelry. It usually has a dull lustre.
- **Silver** (2 sp): A gleaming, pale grey metal used for coinage and jewelry, it has the disadvantage of corroding when exposed to air. Very malleable, it is usually alloyed.
- **Titanium** (50 sp): A rare element used mainly to make exceptionally hard steel alloys.

SPECIAL WEAPON ALLOYS

These correspond (roughly) to alloys described in **Rolemaster**. The number in brackets is the intrinsic bonus given to a blade fashioned of this material because of its hardness and ability to hold an edge. The breakage factor is in addition to the weapon's base BF.

- Steel (Low Steel) [+5]: A non-magical alloy of iron and carbon.
- **High Steel** [+10]: A non-magical alloy of iron, carbon and other elements. Does not rust; BF +30.
- **Tethium** (White Alloy) [+15]: Developed by Tethior, a nonmagical alloy of iron, carbon, zinc and titanium. Pale grey with a soft sheen, it does not corrode; BF +50.
- **Krelin** (Black Alloy) [+20]: Developed by Krelij, a nonmagical alloy of iron, carbon, and other materials. It has a dark grey appearance and a dull luster; BF +50.
- **Enclatine** (Enchanted Iron) [+5]: Magically infused iron; BF +50.

Quevite (Enchanted Steel I) [+10]: Magically infused steel of lesser quality; BF +100.

Tayn (Enchanted Steel II) [+15]: Magically infused highquality steel; BF +150.

Keron [+20]: A black alloy; BF +200.

Laen (True Glass [+25]: Enchanted glass of superior hardness. Becomes soft only in extreme cold; hardens with heat. The edge is as sharp as a sliver of normal glass but laen possesses a superior tensile strength; BF +200. (When it does break it shatters into a spray of deadly shards).

Eog (enchanted True Steel) [+30]: An alloy including the rare material eog; BF +300.

MAGICAL MATERIALS & ALLOYS

The description of these inherently magical materials is provided more for general information than for trade purposes. It is unlikely that PCs will elect to become miners or traders in magical ores. Rarely will they encounter these items in ingot form, but for reference their value in silver per ounce of refined material is given.

- **Arinyark** (200 sp): A metallic element which absorbs and retains raw Essence radiations. Working like a battery or capacitor, it constantly absorbs ambient Essence and can be 'tapped' like a Flow of Essence and thus utilized. It does not work in the same manner as a Spell Adder, however, and cannot store specific spells. It is bluish-green and can be polished to a dull luster. The absorptive qualities can be an effective defense as well: a full suit of armor with Arinyark lamination will add 50 to the wearer's RR (or subtract 50 from an elemental spell attack roll).
- **Electrium:** (10,000 sp)This alloy is made by mixing gold, silver, and iron at high temperatures while flooding the molten metals with Essænce. The resulting alloy is malleable and ductile with a color similar to electrum (gold and silver mixed without the iron and the Essænce treatment). Spells from all three realms of magic can be embedded more easily into electrium than most other materials. (*Imbed I* can be cast as a I st level spell, *Imbed 11* as a 2nd level spell, *Imbed III* as 3rd level, etc.)
- **Essicrysta**: (10,000 sp priceless) The ancient Lords of Essænce alone knew the secrets of making essicrysta. And only a few individuals living in the Third Era are able to use remnants of the material forged in the past to make new items of their own devising. Essicrysta is a clear, crystalline substance that glows faintly and is always warm to the touch. *Detect Life* spells register pieces of it as living, and *Presence* spells report such as beings with presences! Essicrysta can convert Essænce (as power points) into mass, or mass into Essænce (which it then stores) when connected magically to the proper control device. It is a key component to their cronagenic suspended animation devices.
- **Eog** [Black] (5000 sp): Can inhibit or even nullify all non-Dark Essence in the same way White Eog inhibits Evil Essence. For general properties see Grey Eog, below.
- **Eog** [Grey or 'common'] (2000 sp): An extremely hard metal, it is brittle in its pure form, but when combined with certain other elements the resulting alloy can be used to make superior weapons and armor. It is enchanted, and 'common' Eog has a dull silvery luster. An addition, certain pure types of Eog have the power to locally inhibit the Flows of Essence (see black and white types).

Eog [White] (5000 sp): Can limit the powers of Dark Essence (e.g., Essence originating from the Unlife or dark gods or their minions). Eog's inhibiting power varies with the

amount and proximity, but a small chamber lined with White Eog panels 1" thick would prevent all but the most powerful Evil magicians from casting a spell. Note that, while a Magician inside this chamber would have trouble casting spells, his Power Points are not actually drained.

- **Ithloss** (up to 2000 sp; but cannot be worked by any known means, so few are interested buyers): A strong but light and somewhat flexible metal, it is an enchanted alloy created by the Lords of Essence, the secret to which has been lost. Armor made of this material is of almost unequalled value because of the superior protective properties and its unencumbering lightness. Ithloss armor also provides the wearer a +20 DB versus Elemental spell attacks. In appearance it is a light golden color.
- **Keron** (200 sp): A black, very shiny alloy. The substance is strong but flexible and holds a keen edge. When polished it has such a high luster that it looks wet or oiled. It does not corrode, and should be treated as enchanted.
- **Kregora** (20,000 sp): An extremely rare, golden alloy, Kregora is by far the most powerful of the anti-Essence materials. Even powerful magical items are temporarily rendered dormant when surrounded by a Kregora-lined receptacle. Kregora's damping qualities are equally effective against all realms of Essænce (i.e., Essence, Mentalism and Channeling). Unlike Eog, Kregora will sap a spell user's Power Points, the rate of drain corresponding to the amount of Kregora. Fortunately for spell users, Kregora is rare beyond description and costly (almost) beyond price.
- Laen (1000-10,000 sp): An extremely hard volcanic glass which can be forged into very keen-edged, almost indestructible, weapons. Laen can also be tinted, and (vary rarely) is naturally colored. It should be considered enchanted. Laen is also very unusual in that it becomes more pliable as its temperature is *lowered*. Because of this, unique, magical *cold forges* must be used to work laen into tools and weapons.
- **Rularon** (1000 sp): A metal, dull silver in color, which in sufficient quantities has the ability to inhibit spells of Mentalism. A full helm plated with Rularon, for instance, would most likely completely protect the wearer from mental attacks (and prevent him from casting any Mentalism spells or having any sort of mental contact with anyone). It is a very soft and malleable material, and of course, enchanted.
- **Shaalk** (100 sp): An enchanted material, very lightweight, pliable and resilient. Thinner sheets resemble the finest white paper but are glossier and almost indestructible. When exposed to extreme heat it melts, but normal fires do not harm it. Shaalk lockpicks and similar tools can have a +20 bonus.
- **Star Iron** (up to 5000 sp; but cannot be worked by any known means, so few are interested buyers): Actually an alloy forged using metal gathered from certain meteorites. It is extremely strong once worked, and invariably has a dull, dark grey appearance. The recipe has been lost with the First Era. Star Iron is believed to have other, more arcane powers, but the nature of these is uncertain.
- Taurith: (5000 sp) This is a is a silver-blue metal found near deposits of arinyark. Although it behaves like most metals, molten at high temperatures and solid at cool ones, it loses some its most valuable properties permanently when softened or melted by heat. These characteristics include: the strength to withstand extreme torque without bending or cracking, the molecular structure permitting it to take and retain a very sharp cutting edge, and the extreme ease with which it can be embedded with Essence spells (not Mentalism or Channeling; see *electrium*). Therefore, taurith

is usually worked cold-a proceeding requiring considerable skill on the part of the alchemist. Taurith marred by heating can be detected by its lack of surface sheen; it cannot be polished to a high gloss.

- **Trystrium**: (5000 sp) A metal, greenish silver in color, usually found in small nodules (1/4" to 1" diameter) among the roots of irnwood trees. Trystrium is a strong, flexible substance and holds a keen edge (only laen, eog or taurith surpasses its sharpness). Additionally, it can be embedded with Channeling spells or runes with particular ease. Only the difficulty experienced in collecting a sufficient quantity makes it little used.
- Vaanum (10,000 sp): A strange, extremely rare silver-white metal which is believed to exist only on Charón. Blades made of the material have a keen edge, and have the strange innate property of being *Of Slaying* any living creature they deliver a critical to. This perilous feature is believed to be due to the alien nature of the material, and the malevolent origins of Charón.
- Xenium (1000 sp): Blue-silver in hue, this alloy is created from titanium, arinyark and other—more dangerous materials, which together nullify the force of gravity. It is used primarily on the undersides of skyships. The exact manner in which this is accomplished, and how Xenium is successfully employed to balance a ship's mass against gravity, are factors which are extremely difficult to calculate. The price given is the 'street' value; obviously the alchemists who created Eidolon and who make the skyships were able to make such vast quantities that the relative cost was considerably less.

1·LANGUAGES

Following is a listing of some the languages of Kulthea, with an emphasis on Emerian and Jaimani tongues.

LIVING TONGUES

Arlak: The language of the amazon people of Sarnak; it is remotely derived from Old Emer.

Chíra: The chirping tongue of the avian species Hírazi.

Danari: Spoken by the people of Danarchis, it is related to Old Emer, and the closest living tongue to that ancient language.

Dyar: (Dark Elvish) Originally a dialect of High Elvish, this tongue has changed over the years and now has only limited resemblances to its parent language.

Erlin: ('Speech of the Forest'; Wood Elvish) While not as ethereal as Iylar, the Erlin language has a musical quality. It is more accessible to mortal tongues, and is often a 'common' language between cultures. There are many dialects, including Muri-Erlin, Jaimani-Erlin, and others.

Itanian: Actually a dialect of Old Emer, this language is very similar to the ancient tongue, but has a large vocabulary of its own.

Iylar: (High Elvish) High Elvish is a beautiful and ancient tongue, lyrical and mystical, used primarily by the Linæri for poetry and song. Men cannot speak it properly.

Kuluk: The 'personal' language of the Kuluku, a guttural tongue with varied inflections and highly dependent of facial expression.

Kayvis: Language of the Ky'taari of the Mur Fostisyr.

Loariki: written and spoken language of the Loari. A very old tongue, it is rarely taught to anyone outside their race or even spoken even in the presence of others. It has an extensive vocabulary which allows great precision — perfect for histories and technical texts. It is often used by Loari scribes.

Lugro: The language of the evil Lugrôki warrior-race.

Mavaun: A tongue shared by the Lankan and Pochanti peoples —though each has a very different dialect. While no Lankan would admit it, Mavaun is actually the invention of the Pochanti and was adopted by the Lankani as knowledge of the more complex Thanorian was lost. The written language is heiroglyphic and known only by the aristocracy and priesthood in Lankanok.

Miir: The language of the Miirian states; descended from Old Emer.

Muri-Elven: a dialect of pure Erlin, it is spoken in Kelestia and NE Eme —including the isles of Vog Mur and by some in Sel-kai. The vocabulary and written forms are very similar, but the spoken version can vary considerably

Rhaya: ('The Tongue') The predominant language of Jaiman, though there are seven very distinct dialects.

Shay: The 'common' tongue of Emer, it has many dialects.

Shulur: (Aquatic Elvish)[†] A sonar-like language of high-pitched sounds; no other race can speak this tongue except mer-people and dolphins.

Syrkan: Language of the *Syrkakar* of NW Jaiman; it is derived from Haidic and Umli roots but has its own unique character

T'loc-loc: the unique clucking tongue of the people bearing the same name located in Silaar, it is nothing like any other language in Emer.

Taal: The tongue of the Talath of NW Emer, it is complex and beautiful—and similar to the language of the Myri of Jaiman.

Trolack: What you might expect. It is rather limited in vocabulary and sophistication.

Uluka: A singsong, birdlike tongue the Kuluku use for long-distance signalling.

DEAD TONGUES

GM Note: the learning opportunities for these languages would be very limited.

Enris-Sokal: While technically dead, it is very much alive on the Loremaster island of Karilôn and in the halls of the Nomikos Library and other scholarly institutions (many very old tomes are written in Enris-Sokal). Originally the language of the Terinians (an intellectual Elven society in southern Palia during the early Second Era, not to be confused with the



Taranians), it was carried across the seas by students of history who studied there. It is a very concise tongue (both written and spoken) with a large vocabulary and complex structure. Learning it is difficult (assuming you can even find a teacher).

Iruaric: The language of the Lords of Essence. In its 'true' form, it was partially telepathic and powerful. It can be learned in an innocuous form by other races. Because true Iruaric is related to the Primal Essænce, the extent of its true power can only be guessed at.

Kugor: Language of the Dragonlords (and other mighty drakes); not commonly spoken or even known of by most peoples. It was used in many ancient texts, however. Interestingly, it has similarities to Uscurac and Xytos.

Old Emer: From c. TE 1200 to c. 1800 the entire continent of Emer was united under one Emperor and enjoyed a renaissance of culture. The people spoke one language (called Emerian at the time). Now little is left of this civilization except ruins and a handful of isolated kingdoms, whose people speak varying corruptions (most unrecognizable) of Old Emerian. Old Emer was brought to the continent by the People of Aldraon (the first Emperor and is unrelated to *Shay*, the current common tongue.

MAGICAL TONGUES

Many of these are languages known as part of the process of becoming a spell-user, and utilized as part of learning and casting spells. Others are more arcane (and dangerous).

GM Note: the learning opportunities for these languages would be very limited, and in some cases would be prohibited unless the student was of the correct profession. The GM may wish to consult Rolemaster Companion I pp 2-4 for hints on the use of magical languages. Aludos:* The language of enruning (Essence).

Enruth:† Tongue of plants and growing things; also of repelling Undead (Channeling).

Krônyt:* The language of Symbols and Glyphs (Channeling).

Kuskarûk: An arcane language utilized almost entirely by Dark Magicians and Sorcerers (used in the summoning of Demons).

Logos:† ('The Word') The tongue of word-thoughts (Mentalism).

Sylmaria: Speech of the Flows. Almost musical in nature, it allows control of the Flows of Essænce. This language is very difficult to learn. Its teaching is closely guarded by Loremasters and Navigators.

Uscurac: "Common" Language of the Essence, used by Mages and Sorcerers in their spells.

Var Arnak: Language of the High Priests of the Unlife. A word in Var Arnak can kill.

Xytos:† Language of Power-words (Essænce).

* Denotes Written only

† Denotes Spoken Only

4.VOCABULARY

Following is some selected vocabulary from the Elven tongues Erlin and Loari, as well as Ky'taari, Iruaric and Kugor.

ERLIN

ale

narrows

avenue awake awaken bay bay black blade blue break breaker (waves) bridge broken burn burning canal cliff cloud cove coven dark (night) dawn death deathless depth dweller dwelling eagle east eat eater eve fall fire fires fool forever frost gate glass gold grand great hall green grey guardian hall haven head heather heavens hidden hill hollow hound ice iron island islands islet jewel keep lagoon lake mist moneyless

part; piece gudd passing thal pirate nem pit nemrais plaza hel point yuil privateer burn rain saren secret orn shore kura silver (1) sulem silver (2) cisur sky kurim slow lum smoke luim spire lenov spires kai steep kindag storm lew straight water dorth strait ordak sword cor twin vog watch oevaag watching surth water eduum waterfall edos waters resiv west esov wild krin wind kruin winds lon wolf daart woods bur buir Erlin to English gorl baas venor buir krik bur turic burn krem burs orv burth kyr cibur tyrl cisur voru cor burs daart throk dalla tyl daloiv cibur dalov faal derum haft dom ordag dorth gedal edos wode eduum baas emer zurt encla wirs esov encla faal dalov galeb daloiv gedal dalla gorl gref gref throg gudd rel haft lyry hel vurl ien oedum

shurth kai lin veurd yyn murten nadek ien von udam vurd ras dom sel ordye derum burth karn kirn galeb kulag perce perac saren matha mur lemira usiv (arc. usuv) usiiv-daart usiva (arc. usuiv) emer vurt purll perll (arc. puirl) zart nadum hollow fires fire black grey smoke sel haven bridge dawn fall islet islands island slow silver (1) coven dwelling dweller west iron east head steep hidden fool jewel ale heather bay point

MASTER ATLAS

karn kindag kirn krem krik krin kruin kulag kura kurim kyr lemira lenov lew lin lon luim lum lyry matha mur murten nadek nadum nem nemrais oedum oevaag ordag ordak dark (night) ordye orn orv perac perce straight water perll (arc. puirl) purll ras rel resiv saren saren shurth sulem breaker (waves) surth thal throg throk turic tyl tyrl udam usiiv-daart usiv (arc. usuv) usiva (arc. usuiv) veurd vog voru vurd vurl vurt wirs wode yenor yon yuil

spire zart cloud zurt spires glass frost eat eater storm break broken grand watching canal cove part; piece eve burning burn u. lake twin watch pit plaza woods awake awaken moneyless deathless heavens sky Englis blue (modi gold (plural strait (of) apart winds assassi wind barren shore beauti lagoon blade eagle blind blade born sword broker silver (2) build narrows builde caverr depth circle; avenue claw keep cloud guardian cold gate cold; c hall crystal great hall cult; se rain dark waterfall dead water death waters dread passing dwell/ death elder green encha secret encha mist endles wild Essæn ice eterni hill female forever fire; fl privateer first

bay

forbid

cliff

yyn

Lone u 's	1; usually
indicative	of a
ar. Compo s breakwat	er or
all are con ted by dasl	nes, with
iding vowe h compone	els droppe ent words
inguage ha	s four
et secondar nd y, and or	ne prima
urther note at follows	
is an abbre ic', and it i	eviation f
der and les or a presen More pow	
ted folk ter der forms i	nd to use n everyd
n.	
IRUAF	•
sh to Iruai fier 'to'; er]	
1)	
	le
n ; empty	kha hulkar
ful	:
n	t tairl
r	1
n ring	t r
	r hul
1 -11-	
chilling	kis iæn/l
ect	Je d
	sł
	s
home	d
nted nter	v
s	mal
ce ty; forever	·
/feminine ame	r
den	fa
	ia

pirate wolf hound

Note: plurals of indigenous words tend to be formed by the addition of a second vowel after the last vowel in the sin v it is an **i**. often ds singul such a waterf separat any en ed in bot s. The la distinc s: a, e, i, ar ry:

One fi m arc. th words for 'archa the old)n term f word. educat the old lav speech

> is i ta enn âng nen iyla dag xyg thal ken loa loar rog eth aax um rak kaa aen erak lyar hon shin lyx az æn vul uu1 vin viir lan mur shú and ırok

lair

fol

ho

jai

kemm

serem

erlin

throk

ta-

then

emer

mûn

man

nuul

lak

-ia

K'

Pn

loorn

laakh

lavan

syr

kort

xu

ran

thos

usuiv

nae

-is

ra

vir

tesea

ahren

arul

arulis

lenn

dom

lina

linær

lin

ryk

hír

lo

kygar

aek

rôk

larn

aer

tykil

nak

lug

her

arus

shulu

puk

thea

stone

thirsty

secret

first

see

phœn

dir

forever gather giant gift glass half hill ivx lake land lord lore lost mist past sea see seer sing song soul sky star tiny ugly

green grower guardian haven heart history gaalek; gaalenakh home island twist; turn(ing) lonely maker male/masculine master mind mountain ocean place (n) power power secret separated shackle shadow kul; torg shallow singer spirit stone stupid tall; high thirsty tower travel vision water wet wild world Iruaric to English aek aer ahren and arul

arulis arus wat dwell/hon az dæn dag blac dir shack dom shallo dyar emer erlin grow farok forbidde fol gath gaalek; gaalenakh histo her visic hír ho hulkanen barren; emp hulum clou iæn/laen cryst -ia -is place (1 iyla beautif jai Jerak cult; se K' kemm khâng assass kiskaa cold; chillir kort mast kul; torg shade kygar laakh lair forev lak lan eternity; forev larn tall; hig lavan mak lenn apart; separate lin lina linær sing lo loa loar build loorn lone lug lyx drea endle malvin man hom mûn female/feminir mur nae nak tow islar nuul phœn trav Pn puk ra pow raax rak ran circle; rir reth stup rôk ryk serem gree shin dear shon shú fire; flan

seer	shulu	W
water	syr	male/masculi
/home	ta-	h
elder	tairken	brok
blade	tesea	s
nackle	thal	bo
nallow	thea	WO
dark	then	hav
heart	thos	mounta
grower	throk	guardi
oidden	trog	cave
gather	twist; turn(i	ng) i
history	tykil	ti
vision	usuiv	oce
sky	viir	Essæn
giant	vir	pow
empty	vul	enchant enchant
cloud crystal	vuul	mi
land	xu	bli
ce (n)	xyg	UII
autiful	Notes: Som	e forms utilize
gift		hetic syllable
t; sect	breaks, whil	
lord	smoothed th	
glass	human tong	
sassin	leeway is ne	
nilling	interpret the	erences. For
naster		e names of the
nadow	Elvish races	
star		ferences to the
lost		l aptitudes or
orever		The High El
lake	are known a literally 'bea	uties', because
orever	of their look	s. Sometimes
; high	an 'r' is adde	ed before the
maker	pluralizing 'i	
arated		be an indicatio
song sing		instead of mor
singer		indicates man en applied to a
spirit	race of being	
build	,	<u>,</u>
uilder		
lonely	KY	'TAARI
ugly	The language	ge of the Ky'ta
dread	is soft and ly	rical, with ma
ndless	whisperings	like the sound
home	of wind thro	ough the pines
hill		tongue is very etic, the words
ninine		e things they
past	describe.	e uningo uney
tower	English to l	Kv'taari
island travel	ale	1) tuuri
lore	armor	cha
wild	arrow	J
power	birth	karii
claw	black	n
cold	blade	asha
mist	blanket	fali
e; ring	blind	om
stupid	blizzard	kror
soul	blood	th
green	blue	1
death	boat	far
dead	book	tana
flame	bow	ti

lun

faryn

trin

tanaar

priestess

rain

red

river

wet burn ale/masculine castle kritaal half cave chasm broken cheerful sea child born chill world tykaar city haven mountain cloud guardian cold cavern common darkness (not night) ivx tiny day (daylight) ocean death aynon Essænce dread power edge enchanted enter enchanter ever mind evil blind eye fair (beautiful) rms utilize fafl fire fish fly forge freeze giacier arkoyn glitter ames of the gold nces to their good/pure green ne High Elves hair hand es', because heal Sometimes hidden high (supreme) hill in indication holy ead of more home icates many pplied to a husband ice (clear) ice (cloudy) ice (treacherous) initiate (monk) f the Ky'taari iron jewel al, with many the sound king ataarn the pines. lamp kaalin ngue is very language the words library tashishen light (glow) look lord kel man chaka monk tamaak Jak month kariiin moon (generic) nor mountain vintaarn ashaan night falith pain omok paper kronof people thun plain, field kalash

urk

norok

yorn

tarin

laan

larn

ful

krak

tan

kur

arlir

runak

vnka

nin

anja

klyn

arin

jirik

nar

ika

nyfan

korth

kryk

kyran

araan

thir

kali

fin

rin

jan

nak

vitan

aria

itaal

atan

ky

ku

kon

tarn

chort

tayn

star

aian

nyk

ta

rif

tiril

dakur

anka

frol

taari

ryaan

katik

thi

fath

taarn

а

oi

234

blanket

road robe run shadow sharp shield short sight silver skate ski sky small snow (wet) snow (dry) snow (falling) song spring star steel stone strong sun tall temple three town tree twilight uniform (monk's) valley vision walk warm water (still) water (moving) weak wheat whip wife wine

Ky'taari to English

woman

а

ar

high (supreme) akish sharp alan light (glow) ana woman evil anja anka pain sun gold araan wife aran holy aria arin fair (beautiful) arkoyn giacier day (daylight) arlir arn tall temple arnaar blade ashaan ataarn king husband atan atur strong death aynon chaka armor chort iron dakur night

falith tal faryn thon fath iral fath norin akish faynar fon fin kun fon ril frol itil ful shik ika il shar lir ilaar iral kov krof itaal krilif itil kirovf jak liraan jan lanaar jirik ilaar jrok torl kaalin kalash taal kaldar atur kali ar arn kariiin arnaar katik kavn kayn kej tyka kel tonak kirovf yial kej klyn lain kon siril korth faynar koy rish krak kaldar krilif fath kritaal il krof kronof shir jrok kryk aran ku oryk kun kur ana ky kyran laan lain lanaar larn lir liraan lun

nak

nar

nin

nor

norin

norok

nyfan

omok

orvk

rif

ril

rin

rish

runak

ryaan

nyk

oi

boat river water (moving) walk hair shield paper cloud fly weak star run home silver arrow heal fafl whip lamp plain, field water (still) green birth rain three uniform (monk's) ale snow (falling) eye ice (treacherous) forge small cold snow (dry) castle snow (wet) blizzard freeze ice (cloudy) short darkness (not night) ice (clear) glitter child valley spring chill sky song blue hidden fire enter black shadow cave fish look ever blind wine month sight hand hence lamp (kaalin) warm becomes lamps (kaalini, dread

shar shik skate shir wheat siril vision star language ta man taal stone taari people lord taarn tal road monk tamaak common tan book tanaar tarin cheerful tarn initiate (monk) tashishen library tayn jewel thi red thir good/pure thon robe thun blood tiril moon (generic) tonak tree torl steel trin bow tyka town tykaar city urk burn vintaarn mountain vitan hill yial twilight ynka edge chasm vorn A few notes on pronunciation: "A" at the beginning of any word is said 'ay'. For example, the Ky'taari word for pain is pronounced "aynka". A double "a" is said in the same manner, with a slight break to accent it. 'Lord'is said ta-arn (the break is very subtle and should not sound like gagging). "Y", when beginning a word or flanked by consonants, is always said like 'eye.' The word for town is said teyeka. When next to an "n" however, it is a soft 'ya sound. 'Boat' in Ky'taari is pronounced far-vin. "0" and "I" are said short as in bomb and tin. "U" is always pronounced in the long form. The word for dark is said koor. To pluralize a noun, the letter "i" is used as a suffix;

LOARIKI

English to Loariki

ski

air alchemist ancestor archaeology armor Autumn blacksmith blind blood boat boat boy bracelet burn captain chemist cloak cold compass craftsman cruel dark doctor dreadful East engine engineer Fall family farmer fever fire fish glass gold goldsmith grape guard hall hall horrible house ink iron jeweller judge knife lady library lift light lord magic merchant narrow noble House noble ocean paper passage passenger poison priest proud pure

ayro jeramian progha aeovolia hyplon thinoporo sidhirdan tiphloa ema varka plion agho vrachioli engavma pliarchos pharzaka sakaki kriox pixidha vurga sklær skotinor yiatris tromera Dhur mikani vikanira Iunio ikoyenia yeorghian pireta photia pisara votir kris krisirdhan stamil phrurin ethusa dhiadromo tromera kœnia melaniak sidher kosimatis dhikatis makiera kiria nomikos asanser phos kirie uscura embrærian stenos evynikœnia evvni okano charkis perasma epivatis ditirion nosokoma iperianos

235

priestess

pronounced ka'alinee).

katharos

ģ	ring	dhata
1	sail	pani
	sailor	naftis
	sculpture	glirtis
	sculptor	ghlirtian
	sea	talasa
	silver	-hirdhan
	sky	ayro
	sky steamshipay	roatmoplion
	Smith	hirdhan
	spell	taiphaes
	Spring	Aniki
	steamship	atmoplion
	storm	ubrimo
	strong	kinatos
	Summer	kalori
	sword	gladen
	sword (curved)	saren
	text	kimeno
	thirsty	dipsasmen
	vine	klima
	wine	ghliki
	wine	kræsi
	warrior	hokiter
	Winter	chimonask
	wise	sojos
	writer	singras
	yacht	talasika
	Loariki to Eng	lish
	aeovolia	archaeology

Loariki to Eng	glish
aeoyolia	archaeology
agho	boy
Aniki	Spring
asanser	lift
atmoplion	steamship
ayro	air
ayro	sky
ayroatmoplion	sky steamship
charkis	paper
chimonask	Winter
dhata	ring
dhiadromo	hall
dhikatis	judge
Dhur	East
dipsasmen	thirsty
ditirion	poison
ema	blood
embrærian	merchant
engavma	burn
epivatis	passenger
ethusa	hall
evyni	noble
evynikœnia	noble House
ghliki	wine
ghlirtian	sculptor
gladen	sword
glirtis	sculpture
hirdhan	Smith
-hirdhan	silver
hokiter	warrior
hyplon	armor
ikoyenia	family
iperianos	proud
Iunio	Fall
jeramian	alchemist
kalori	Summer
katharos	pure

kimeno kinatos kiria kirie klima kœnia kosimatis kræsi kriox kris krisirdhan makiera melaniak mikani naftis nomikos nosokoma okano pani perasma pharzaka phos photia phrurin pireta pisara pixidha pliarchos plion progha sakaki saren sidher sidhirdan singras sklær skotinor sojos stamil stenos taiphaes talasa talasika thinoporo tiphloa tromera tromera ubrimo uscura varka vikanira votir vrachioli vurga yeorghian viatris Note: plural is -a to-æ

all powerful

allies

ancient

anvil

ally

text strong lady lord vine house jeweller wine cold gold goldsmith knife ink engine sailor library priest ocean sail passage chemist light fire guard fever fish compass captain boat ancestor cloak sword (curved) iron blacksmith writer cruel dark wise grape narrow spell sea yacht Autumn blind dreadful horrible storm magic boat engineer glass bracelet craftsman farmer doctor KUGOR English to Kugor

archive armor-cloth armor-clothes bane of hope battle bay bear bears birthplace birthplaces black blade blades blessed place blessed places blood blue bow bows burn burns castle cave caves circle clan claw claws cloud coast coast coasts cold (extreme) cold demon cold fire demonraathmauriig colds cool cove coves crystalline cult death deaths demon demons desert deserts dragon dragon's breath dragon's fire dragonhelms dragons drake drakes dreaded one dreaded ones elite elites ember; fire embers empire essence all powerful (pl) folmurian eve folmuurian father of the sky chag fire drake chaag fire drakes bu

cuiva paake fish (sing.) pake fish chaurka flame bulchyy flames; fire biar forest forest dryyn dryn saer sar ulya ghost daag dag gift of glass goaak gift goak gifted folk hurm gifts ir glass golden amriig amrig great hiig great spine hig in-ta aalk green aayiig ayig awg growth AW guardian aax guardians ax hammer uon hate kael hated one vraak hated one vrak heat raath heats raathmaur helm hiding rath hidings raav kraaw hill kraw hills ean history awg holy gaak home gak home maaur homes maur vaalg hope valg hopes ice kuugor interpreter stoyig isle stoyiig isle soevaed isles kugor keepers ssoei keepings ssoi killer gaath killers gath land hoerk lands hork leaping fire riig leaping fire rig drus leg legs uscurac library kye kodur light lord stoyy lord stoy lords shaang siig

fireballs sig luub lub chiig chig chaw horl forge (noun) chooth forge (verb) chort forges (noun) choth forges (verb) choort khomul laen womuul womaw womul rúan utum bre h-in great spine under the sun hpryka group of assassins gaagur groups of assassins gagur Churk vaalc yalc tarmen gart gaark gark liig lig aed faaw faw high; exalted folm karn brod andros Υhaarg wom harg pronaa prona jatar druul arg molac aarg urdu drur aarp arp tuuriak turiak truliik trulik tanuur tanur olas piri kanga oran kang lost ord

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lesh

fire

fireball

magic maker makers man/male many master master of arms masters masters of arms mayor mayors mind minds monastery moving fire moving fires multiple mystic never-ending glen north stone of offspring (sing) offspring one of the sky order outcast outcasts overlord pain pains people place afire place of battle places afire plague plagues plain plain plains point poison poisons priest queen rain rains rainy red river road roads runner runners salvation salvations scarlet; red seer shadow shadows ship silver silver silvers singing mail singular skies sky smith

uscurac snow leer snows soft ler ul son of the sky bak song muul south byg star mul stars byyg stone struggle kaag kag swamp sweet shryy talisman shry talismen orc tiig text tig the first bag the fawshry the one the one of the sky locha eog thief acthieves dusduur thought dusdur thoughts kodul traitor ryt traitors iirm trees tribe irm vale oranir wall iirs wander irs aan warrior viig warriors bulchyades warship vig warships baemic watch bamic water desdiis waters syton wing desdis wings woman/female urul guug womb wombs gug word trae shek lyyg Kugor to English lyg aactos aalk lygar sulthon aan ams aarg taniis aarp tanis aax tanuuk aayiig tanuk acderaamiis aed deramiis aen drakla ain drul alg daath amrig dath amriig ams proga cowi andos voriig andros vorig arg ain arp baag arxdu awdu aw awduu AW arxdu awdu

Kuurf awduu kurf awg ithloss awg kod ax aen ayig harn baag baak kygaar kygar bag org cunaaci bak naag simo shryaac shryac biar olvas boerk andos bork N bowa baak kodaak bre gaatu brod gatu bu demiik demik banuuk bulg banuk buulg horl byg byyg aw ny alg chag suurk buulg chaw bulg chig boerk chiig bork yenor aactos chort dawass bowaa bowa cowi iis cuiva saers daag sars olias dag dath water castle people isles killer claw cave of helm drul song drur singing mail drus wall druul bows drvn bow river the first history ean isle eog faaw killers smith faw tribe folm clan skies

MASTER ATLAS

baemic bamic banuk banuuk bowaa bulchyades bulchyy chaag chaurka choort chooth choth Churk cunaaci daath dawass demiik demik deraamiis deramiis desdiis desdis drakla dryyn dusdur dusduur fawshry folmurian

sky circle cult gaak gaark claws gaath caves gaatu singular gagur the one gak plague multiple gark many gart plagues gath traitors gatu traitor bay goak warship gug warships guug wings h-in wing great sun hills haarg harg ancient place of battle harn battle hig hiig warriors warrior hoerk hork master of arms horl masters of arms horl ally hurm allies bane of hope iirm iirs forest iis flames; fire ir flame irm forges (verb) forge (noun) irs forge (verb) iatar forges (noun) kaag growth kael silver kag archive kang struggle blade karn shadow blades kod shadows waters thought thoughts salvation salvations kraw kugor plain kurf plains scarlet; red seer kye keepings empire interpreter kygar bears laen leer bear offspring ler lesh offspring (sing) crystalline lig north stone liig hiding locha lub hidings luub mystic high; exalted lyg all powerful (pl) lygar

folmuurian all powerful group of assassins gaagur death hated one dreaded one thief groups of assassins deaths hated one hate dreaded ones thieves blessed place goaak blessed places poisons poison great spine h-in-tagreat spine under the home homes south burns burn elite elites trees forest blood outcast pain woman/female blue outcasts pains ithloss soft ice mayor coast mayors lords kanga lord hill khomul ghost son of the sky kodaak the one of the sky kodul one of the sky kodur father of the sky kraaw cove coves dragons snows kuugor dragon Kuurf snow eye kygaar star stars gift of glass maker makers anvil heats heat never-ending glen fish fish (sing.) rains rainv

lyyg maaur maur molac mul muul N' naag ny olas olias olyas oran oranir orc ord org paake pake piri proga prona pronaa pryka

rain raath demon raathmaur demons isle raav masters rath master rig the riig swamp rúan vale ryt library saer word saers text sar lord sars overlord shaang monastery shek lost shry stone shryaac armor-cloth shryac armor-clothes shryy light sig ship siig hopes simo hope soeyaed green ssoei

cold (extreme) cold demon raathmauriigcold fire demon birthplaces dragonhelms

ssoi stoy stoyig cool stoyiig colds stoyy embers sulthon ember; fire suurk glass syton order taniis birthplace tanis womb tanuk tanur wombs tanuuk fire tanuur queen tarmen minds tig talisman tiig talismen trae mind truliik fireballs trulik fireball turiak tuuriak sweet ul drake

ulya drakes uon fire drakes urdu dragon's breath urul dragon's fire uscurac fire drake uscurac red utum wander vaalg plain valg road vig roads viig runners vorig legs voriig runner vraak leg vrak hammer wom moving fires womaw moving fire womul priest womuul leaping fire Yleaping fire yaalc lands yalc land yenor man/male

black cloud keepers point magic essence golden desert deserts places afire place afire silvers silver coast coasts home gifted folk gifts gift holy guardian guardians watch

2-SPECIAL WEAPONS & CRITICALS

SPECIAL & FANTASY WEAPONS CHART

0. 20	~ ~															
					RA	NGE	EMOE) (in fee	st)		AR	MORMO	DIFICA	TIONS		
Weapon	Туре	Wt.	Len.	F	10	25	50	100	150	Table Used	20-17	16-13	12-9	8 -5	4-1	Special
Baw†	1HS	4-5	2-31	5		_	_		_	Handaxe	+15	+15	+10	+10	+10	Can be used as an ice axe.
Chakram†	TH	1	1´dia.	4	+10	0	-10	-20	-30	Dagger	-10	-15	0	+10	+15	Throwing ring with sharp outer edge. (A.k.a. <i>Quoit</i>).
Chegain†	ΤH	1.5	21	4	0	0	0	-5	-10	Scimitar	-10	0	0	0	+5	Bladed boomerang. Returns to trained user (need glove).
Cabis	1HS	2-3	1.5-2.5′	4	0	0	-10	-25	_	Handaxe	-10	-10	-10	-10	-10	Basically a throwing weapon.
Dag	1HS	5-6	3-41	6					_	Falchion	+10	+10	+10	+10	+10	A very large bladed weapon.
Gét	ΤH	4-6	4-51	8			as Bol	a		Bola (2x Dam)	+10	+10	+10	+10	+10	Treat any criticals as both K and G. Iffumbled, roll a "DG" on thrower.
Ikasha†	${\mathbb T}\!{\mathbb H}$	2	1´dia.	5	+15	+5	0	-30	-75	Main Gauche	-10	-5	0	0	+10	Ky'taari throwing weapon.
Irgaak*†	Ή	5-6	5-61	3		_			—	2-HSword	+15	+15	+15	+15	+15	Roll criticals twice applg all results.
Kalta	ſH	1.5	6″	4		_	-15	-40	-80	Lt Cbw (1/2dam)	-20	-15	-10	0	+5	Loari Dart Pistol. Fire 2x/rnd (missile & melee). Can be poisoned. 10 dart clip.
Kynac*†	1HS	1.5	1′	2	0	0	0	-25	-40	Rapier	-5	-5	0	0	0	A great throwing dagger.
LongKnife	1HS	1-2	1.5-2′	2	0	-10	-25			Main Gauche	0	0	0	0	+5	
LongKynac*†	1HS	2	21	3	-20	-20	-20	-50		Rapier	+15	+15	+15	+15	+15	A great long dagger.
Net	TH	2-3	4-6´	5	0				_	Grapple	+5	+5	+5	+5	+5	Max result is Large.
Saren*†	1HS	3	3.5′	3	_		_		—	Falchion	+5	+5	+15	+15	+20	Loari sword; resembles Terran katana.
Shangkana†	₽C	2-3	2.5-31	7	_		—		—	Morning Star	-5	-5	-5	-5	-5	2 rods 18″ long linked by short chain.
Shuriken†	TH	3-80z	4-6″	5	0	0	-20	-30	_	Dagger	+5	+5	+10	+10	+10	Throwing stars.
Trident	PA	4-6	5-81	5	0	0	-20	-30		Spear	+5	+5	+5	+10	+10	
Typh†	₽C	4-5	3-41	6	0	0	-10		—	Flail	-10	-10	-10	-10	-10	Iffumbled, roll a "DK" on thrower.
Yarkbalka*†	1HS	4-5	3-4′	6		_			—	2-HSword	-10	-10	-10	-10	-10	I fumbled, roll a "CS" on thrower.

 \ast We apon must be fashioned of special and/or enchanted materials to be effective.

 \dagger User must have special training to be able to use we apon at full effectiveness

Wt: Weight of weapon in pounds.

Len.: Length of weapon in feet.

F: Fumble Range (a fumble occurs if unmodified attack roll is less than or equal ro this number).

RANGE MOD: Modifications apply to use as missile at ranges less than or equal to the given distance (only one modifier applies). (— means not allowed.) **Table Used:** The AL&CL attack table used to resolve attack.

ARMOR MOD: Modifications to the attack roll based upon the armor of the defender.

Special: Varies for each weapon.

		20	19	18	17	16	15	14	NETH 13	IER B(12	DLT A	NTTA 10	NETHER BOLT ATTACK TABLE 13 12 11 10 9 8	ABLE 8	7	9	5	4	3	5	-		
UM	01-02	н	F	н	н	F	F	F	н	н	н	н	н	Н	F	F	F	н	ц	F	Н	01-02	UM
	03 - 10	н	Ч	Ч	ч	Ч	н	н	ц	ц	ч	Ы	Н	ч	F	н	Ы	Ч	Ч	н	Ч	03-10	
	11-20	F	ы	Ч	н	н	ч	ч	F	Ч	Ч	Ч	Ч	Ч	н	н	ч	ы	Ч	Ч	Ч	11 - 20	
	21-30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	21 - 30	
	31-35	3		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	31-35	
	36-40	3	3	1	0	3	1	0	0	3	0	0	0	0	0	0	0	2	4	4A	3	36-40	
	41 - 45	5A	3	3	1	3	3	2	0	3	3	0	0	4	0	0	0	4A	5A	6A	5A	41 - 45	
	46-50	5A	5A	3	3	5A	3	2	2	5A	3	3	0	4A	4	0	0	5A	6A	٦A	6A	46-50	
	51-55	7A	5A	5A	3	5A	5A	4A	2	5A	5A	3	3	5A	4A	4	0	6A	ΤA	8B	8A	51-55	
	56-60	λA	٦A	5A	5A	٦A	5A	5A	4A	λA	5A	5A	3	5A	5A	4A	4	6A	8B	9B	9B	56-60	
	61-65	9B	٦A	٦A	5A	۲A	۲A	6A	5A	٦A	٦A	۲A	5A	λA	5A	5A	5A	٦A	9B	10B	10B	61 - 65	
	66-70	9B	9B	٦A	λA	9B	٦A	٦A	λA	λA	٦A	8B	٦A	λA	٦A	٦A	٦A	9B	11B	12C	11B	66-70	
	71-75	11B	9B	9B	٦A	9B	9B	8B	8B	7A	7A	8B	8B	ΤA	7A	9B	8B	11B	12B	14C	13C	71-75	
	76-80	11B	11B	9B	9B	11B	9B	8B	8B	8A	8B	10B	10B	9B	9B	11B	10B	13B	14C	16C	15C	76-80	
	81-85	13B	11B	11B	9B	11B	11B	10B	10B	9B	8B	10B	11B	9B	10B	12B	12C	15C	16C	18C	17C	81-85	
	86-90	13C	13B	11B	11B	13B	11B	12B	12B	11B	10B	11B	12B	11B	12B	13B	14C	16C	17C	19D	18C	86-90	
	91-95	13C	13C	13B	11B	13C	13B	14C	14C	13B	12B	13B	14B	13B	12B	14B	15C	16C	17C	19D	20D	91-95	
	96-100	15C	13C	13C	13B	13C	13C	14C	15C	13B	14B	14B	15C	13C	14C	15C	17C	17D	18D	20D	21D	96-100	
	101 - 105	15C	15C	13C	13C	15C	13C	15C	15C	15B	16C	16C	17C	15C	16C	16C	17D		19D	21E	22D	101-105	
	106 - 110	16D	15C	15C	13C	15C	15C	15C	16D	15C	16C		19D	15C	16C	17C	18D		20D	22E	23E	106 - 110	
	111-115	16D	16D	16D	15C	16D	15C	16D	16D	16C	17C	18D	20D	17C	18C	18D	19D	20D	21E	23E	24E	111-115	
	116-120	16D	16D	17D	16D	16D	16D	16D	17D	16C	17C		20D	18D	19D	20D	21D		22E	24E	25E	116-120	
	121-125	17D	17D	18D	17D	16D	16D	17D	17D	16C	18C		21D	18D	19D	20D	21E		23E	25E	26E	121-125	
	126 - 130	17D	17D	18D	18D	17D	17D	18D	18D	17C	18D	19D	21E	19D	20D	21D	23E	24E	25E	27E	28E	126 - 130	
	131-135	18D	18D	19E	19E	18D	18D	19E	20E	18D	19D	20D	22E	20D	21E	23E	24E	26E	27E	29E	30E	131-135	
	136-140	18D	19E	19E	20E	18D	19E	20E	22E	19D	19D	21E	23E	22E	23E	25E	26E	27E	28E	30E	31F	136 - 140	
	141-145	19E	19E	21E	22E	19E	20E	21E	22E	20D	21E	22E	24E	24E	25E	27E	28E	28E	29E	31F	32F	141-145	
	146-150	19E	20E	21E	22E	20E	21E	22E	23E	22E	23E	24E	25E	26E	27E	28E	29E	30E	31F	32F	33F	146 - 150	
NN	100	25E	26F	27F	28F	26F	27F	28F	29F	28F	29F	30F	31F	32G	33G	34G	35G	36G	37G	38G	39G	100	NM
Raı	Range: 0' 11' 51' 101' 201' 301'	10' 50' 200' 300' up	$^{+35}$ $^{+35}$ $^{-25}$ $^{-25}$ $^{-55}$ $^{-55}$					UM =	Unmo	= Unmodified Roll	oll				_	(Fol Result F G	A, B, C	, D, E use Di Use Disruption E	se Dis e otion	ruptio	(For A, B, C, D, E use Disruption criticals) Use Use Use ult Disruption Stress E A E B	8	

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	Ŭ	(For A, B, C, D, E use Disruption criticals) Use Use ult Disruption Stress E A E B	uption	e Disrt ion	, D, E use Dis Use Disruption E E	A, B, C,	(For Result F G	R				oll	UM = Unmodified Roll	Unmoc	UM =					+35 -25 -40 -75	100 2000 	001 ⁻¹¹ 0 	Range:
0 UM	100	34G	32G	31G	28G	32G	31G	26G	26G	30G	29G	28G	23F	25F	24F	20F	20F	24F	22F	20F	18F	100	UM
-99 UM	98-99	32F	30F	29F	26F	30F	29F	24F	24F	27F	26F	21E	18E	23E	22E	18E	18E	22E	21E	18E	16E	98-99	UM
-97 UM	96-97	30E	28E	27E	24E	28E	27E	22E	22E	25E	24E	19D	16D	21D	20D	16D	16D	20D	20D	16D	14D	96-97	UM
-95	93-95	29D	27D	25D	23C	27D	26D	21D	21D	24D	23D	18C	15C	20C	19C	15C	15C	18C	18C	14C	12C	93-95	
-92	89-92	28D	26D	23D	21C	26D	24D	20D	18D	22D	21D	17C	14C	20C	19C	15C	15C	18C	18C	14C	12C	89-92	
-88	85-88	27D	25D	21C	19C	25D	22D	18D	18C	21D	20D	16C	13C	19C	18C	15C	14C	18C	17C	13C	11B	85-88	
-84	81-84	26D		19C	18C	24D	20D	18C	17C	20D	19C	15C	12C	19C	18C	14C	14B	18C	17C	13C	11B	81-84	
-80	77-80	25D				23D	18C	17C	15C	19C	18C	14C	11C	18C	17C	14B	13B	17C	16C	12B	10B	77-80	
-76	73-76	24D		17C	16C	22C	17C	16C	15C	18C	17C	13C	10B	17C	16C	13B	13B	17C	16C	12B	10B	73-76	
-72	69-72	23C	21C	16C	15C	21C	16C	15C	14C	17C	16C	12C	9B	16C	15C	13B	12B	16C	15B	11B	9B	69-72	
-68	65-68	22C	21C	15C	14B	20C	15C	14C	13B	16C	15C	11B	9B	15C	14B	12B	12B	15B	14B	11B	9A	65-68	
-64	61-64	21C		14B	13B	19C	14C	13B	12B	15C	14C	10B	8B	14B	13B	12B	11A	14B	13B	10B	8A	61-64	
-60	57-60	20C	19C	13B	12B	18C	13B	12B	11B	14C	13B	9B	8B	13B	12B	11A	10A	13B	12B	10A	8A	57-60	
-56	53-56	19C	18C	12B	11B	17C	12B	11B	10B	13B	12B	8B	7A	12B	11B	10A	9A	12B	11B	9A	7A	53-56	
-52	49-52	18C	17B	11B	10B	16B	11B	10B	9B	12B	11B	7B	7A	11B	10B	9A	8A	11B	10A	9A	7A	49-52	
-48	45-48	17B	16B	10B	9A	15B	10B	9B	8A	11B	10B	6A	6A	10B	9B	8A	7A	10B	9A	8A	6A	45-48	
-44	41-44	16B	15B	9A	8A	14B	9B	8A	7A	10B	9B	5A	6A	9B	8A	7A	6A	9A	8A	7A	6A	41-44	
-40	37-40	15B	14B	8A	7A	13B	8A	7A	6A	9B	8A	5A	5A	8A	7A	6A	5A	8A	7A	6A	5A	37-40	
-36	33-36	14B	13A	7A	6A	12B	7A	6A	5A	8A	7A	4A	4A	7A	6A	5A	4A	7A	6A	5A	4A	33-36	
-32	29-32	13A	12A	6A	5A	10A	6A	5A	4A	7A	6A	4A	4	6A	5A	4A	ω	6A	5A	4A	ω	29-32	
-28	25-28	12A	10A	5A	4A	8A	7A	4A	ယ	6A	5A	4	ω	5A	4A	ယ	1	5A	4A	ယ	1	25-28	
-24	21-24	10A	8A	4A	2	7A	4A	3	1	5A	4A	3	1	4A	3	1	0	4A	သ	1	0	21-24	
-20	17-20	8A	7A	ယ	1	5A	ω	-	0	4A	ယ	⊢	0	з	<u> </u>	0	0	ω	-	0	0	17-20	
-16	13-16	6A	5A	1	0	ω	<u> </u>	0	0	ω	<u> </u>	0	0	1	0	0	0	<u> </u>	0	0	0	13-16	
-12	09-12	4	ယ	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	09-12	
-08	05-08	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	05-08	
-04 UM	01-04	Ч	Ŧ	F	Ŧ	F	н	Ŧ	Ŧ	F	Ŧ	ч	F	Ŧ	F	Ŧ	F	Ŧ	F	F	Ŧ	01-04	UM
		1	2	ω	4	57	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
									TABLE	ACK T	ATTACK	BALL.	HER B	NETHER									

Appendices

		PLASMA CF	RITICAL STRIK	KE TABLE	
	А	В	С	D	E
01-05	Tiny bubbles. +0 hits.	Fizzle out. +0 hits.	+1 hit.	+2 hits.	+3 hits.
06-10	+1 hit.	+2 hits.	+3 hits.	+4 hits.	Stunned for 1 rnd. +3 hits.
11-15	Foe loses initiative for next rnd. Scary.	Spin foe. Loses initiative for 1 rnd. +4 hits.	Unbalancing blast. Foe must parry for 1 rnd. +5 hits.	Unbalancing blast. Foe must parry for 1 rnd. +6 hits.	Foe is stunned for 1 rnd. +5 hits.
16-20	Foe is spun about and loses initiative for next rnd. +5 hits.	Unbalancing blast forces foe to parry for 1 rnd. +5 hits.	Unbalancing blast forces foe to parry for 1 rnd. +8 hits.	Irritating burns force foe to parry for 1 rnd. +10 hits.	Zap stuns foe for 1 rnd. +10 hits.
21-35	Unbalancing blast causes foe to lose initiative for 2 rnds. +8 hits.	Minor burns. Foe must parry for 1 rnd at -10. +10 hits.	Crackling blast causes foe to parry for 1 rnd at -15. +10 hits.	Glancing blast. Foe must parry for 1 rnd at -20. 1 hit per rnd. +15 hits.	Strong blast reels foe. Stunned for 1 rnd. +20 hits.
36-45	Burns force foe to parry 1 rnd. +10 hits.	Disconcerted foe must parry for 1 rnd and loses initiative for 2 rnds. +9 hits	Blast forces foe to parry for 1 rnd. 1 hit/rnd. +15 hits.	Explosion stuns foe for 1 rnd. 2 hits per rnd. +15 hits.	Strike leg. Stunned for 2 rnds. Fights at -20 if no foot covering. +20 hits.
46-50	Distracted foe must parry for 2 rnds. +15 hits.	Staggering blast stuns foe for 1 rnd and inflicts 1 hit/rnd. +15 hits.	Sizzling blast stuns foe for 1 rnd. +15 hits. Add +5 to your next roll.	Foe is spun about. 2 hits per rnd. Stunned for 1 rnd. +25 hits.	Powerful blast. Stunned and unable to parry for 1 rnd; drops all held objects. +25 hits.
51-55	Burn stuns foe for 1 rnd. +10 hits.	Unbalancing blast causes foe to take 2 hits per rnd. Stunned for 1 rnd. +12 hits.	Hard blow stuns foe for 1 rnd. +12 hits. Add +5 to your next roll.	Foe is forced back 5 feet. Stunned for 2 rnds. 2 hits per rnd. Add +5 to your next roll.	Forceful blast stuns foe for 1 rnd. Stunned and unable to parry for 2 rnds. 3 hits per rnd. +20 hits.
56-60	Crackling blast stuns foe for 2 rnds. +15 hits.	Back blast spins foe; he takes 2 hits per rnd. All small metal items on foe's back are melted. +15 hits.	Foe is thrown back 5 feet and must parry for 2 rnds. +20 hits.	Hot strike. Foe stunned and unable to parry for 1 rnd. Fights at -10. +15 hits.	Blast floors foe; out for 2 rnds. 2 hits per rnd and fights at -10. +25 hits.
61-65	Powerful blow. Foe is stunned and unable to parry for 1 rnd. +15 hits.	Blow delivers 2 hits per rnd. Stunned and unable to parry 1 rnd. Fights at -5. +15 hits.	Leg strike; any metal greaves are destroyed; foe is stunned for 2 rnds. +15 hits.	Blast to shield arm. If no shield, arms are useless due to nerve damage, stunned and unable to parry for 2 rnds, +15 hits; otherwise, +20 hits.	Precision strike knocks foe down; fights at -20 and drops held objects. +25 hits.
66	Hammer blast shatters foe's shield arm; he is stunned and unable to parry for 3 rnds. +25 hits.	Strike shatters weapon shoulder. Stunned for 3 rnds. 5 hits per rnd if metal armor is worn. +20 hits.	Chest strike breaks both arms; foe is stunned and down for 3 rnds. Fights at -90.	Impact ruptures eardrums and kills foe if he has no helm; else he is out for 3 hours.	Direct hit. Surgical strike blows head into particles of matter which scatter into the wind.
67-70	Blow to back; foe is stunned and unable to parry for 1 rnd and fights at -5 due to burns. +10 hits.	Back strike. Stunned and unable to parry for 1 rnd. Fights at -5. +14 hits.	Snap breaks both arms; foe is stunned and down for 3 rnds. Fights at -90.	Focused blow takes foe down; out for 2 rnds. +20 hits. Add +5 to your next roll.	Blast to shield arm stuns foe for 1 rnd. If foe has a shield, it is broken; otherwise foe's shoulder breaks.
71-75	Blow to mid-section; foe is stunned and unable to parry for 1 rnd and fights at -10. +15 hits.	Strike to side. Stunned 2 rnds and unable to party next rnd. 3 hits per rnd. $+25$ hits.	Back blow. Foe is stunned for 3 rnds and is unable to parry next rnd. Foe fights at -10 due to nerve damage.	Quick strike breaks shield arm. Stunned for 2 rnds. +15 hits.	Numbing blast. Arms are useless due to nerve damage. Fights at -25.
76-80	Weak strike to abdomen. Foe is stunned for 3 rnds and unable to parry next rnd. +20 hits.	Blow to feet topples foe. Foe is down and out for 2 rnds and takes 3 hits per rnd. +15 hits.	Strike knocks foe down. Foe is out for 2 rnds and fights at -15 due to internal bleeding. +15 hits.	Blast breaks weapon arm. Foe fights at -20. Stunned 2 rnds. +15 hits.	Awesome chest blast stuns foe for 10 rnds and knocks him down. Fights at -30. +30 hits.
81-85	Ripping back strike breaks ribs and snaps cartilage. Foe is stunned and unable to parry for 1 rnd and fights at -25. +15 hits.	Horizontal strike fractures ribs and burns skin. Stunned for 2 rnds. Fights at -25. 3 hits per rnd due to burns. +15 hits.	Blistering blast sears skin. Foe is stunned for 2 rnds, fights at -25, and takes 3 hits per rnd. +20 hits.	Foe attempts to deflect blast with hands. Poor fool is down for 3 rnds and takes 3 hits per rnd. +25 hits.	Side strike rifles through organs. Foe dies after 6 painful rounds of inactivity. +35 hits.
86-90	Brutal blast knocks foe down. Stunned for 2 rnds. Foe fights at -50. +15 hits.	Calf strike burns muscle. Stunned for 3 rnds. Fights at -50. +25 hits.	Blast breaks thigh. Foe fights at -40 and is stunned for 3 rnds. +20 hits.	Blast squeezes abdomen. Foe dies in 4 rnds. +25 hits.	Heat wave. backbone is melted and foe dies of massive shock in 3 rnds. +35 hits.
91-95	Crushing strike breaks hip. Foe fights at -50 and is stunned for 3 rnds. +25 hits.	Temple strike. If foe has helm, he is sent into a permanent coma; if not, he dies. +30 hits.	Strike twists and breaks hip. Foe takes 5 hits per rnd and fights at -60. +25 hits.	Red-hot fragments of jaw drive into foe's brain. Foe dies in 3 rnds. +55 hits.	Shock pulses through foe's nervous system. Foe dies in 6 rnds. +35 hits.
96-99	Strike contacts head and neck. If foe has helm, he is knocked out; if not, he dies in 3 rnds. +25 hits.	Wedge-shaped strike severs windpipe. Foe dies in 12 rnds. +30 hits.	Foe's feet are engulfed. Foe is stunned and unable to parry for 9 rnds. 6 hits per rnd. Fights at -75. +25 hits.	Foe receives a lungful of plasma. Foe dies in 1 rnd. +25 hits.	Foe's body is a pulped, smoking ruin. Add +20 to your next roll.
100	Head strike. If foe has helm, he is knocked out; if not, he dies in 3 rnds due to shock and fractures. +30 hits.	Blast withers body below neck. Foe is paralyzed permanently from neck down. +40 hits. Add +10 to your next roll.	Sizzling strike blasts through both eyes and into brain, killing foe.	Foe's lungs and heart burn and implode. +30 hits. Add +25 to your next roll.	Unfortunate foe is reduced to a molten puddle. Fetch a mop.

ACID CRITICAL STRIKE TABLE

	A	В	С	D	Е
01-05	Only a drop. +o hits	Try again. +o hits.	+1 hit.	+2 hits.	+3 hits.
06-10	+1 hit.	+2 hits.	+3 hits.	+4 hits.	Foe loses initiative for 1 rnd. +4 hits.
11-15	Foes loses initiative for 1 rnd. +2 hits.	Foe loses initiative for next rnd. +3 hits. Foe is spun about.	Foe is unbalanced and must parry next rnd. +4 hits.	Foe is unbalanced and must parry next rnd. +5 hits.	Foe feels burns. If foe has armor, he loses 1 rnd of initiative; if not, he loses 2 rnds. +5 hits.
16-20	Nearby splash gives foe +3 hits, foe loses 1 rnd of initiative.	Foe loses 1 rnd of initiative and takes +4 hits.	Foe is unbalanced and must parry next rnd. +5 hits.	Foe is unbalanced and must parry next rnd. +6 hits.	Foe is unbalanced and must parry next rnd. +7 hits.
21-35	Blast unbalances foe. He loses 1 rnd of initiative. +4 hits.	Foe must parry next rnd. +5 hits.	Light burns. Foe must parry for 1 rnd. +7 hits and 1 hit per rnd.	Minor burns. Foe must parry for 2 rnds. +8 hits and 1 hit per rnd.	Foe reels from blast. +15 hits and foe is stunned for 1 rnd.
36-45	Foe must parry for 1 rnd. +8 hits.	Blow unbalances foe. +9 hits and 1 hit per rnd.	Foe must parry for 2 rnds. +8 hits and 2 hits per rnd.	Blast stuns foe for 1 rnd and fights at -10 for 2 rnds. +10 hits.	Foe reels back 10 feet. +20 hits and foe is stunned for 2 rnds.
46-50	Light burns cause foe to parry for 1 rnd. +3 hits and 1 hit per rnd.	Foe loses 3 rnds of initiative. +8 hits and 1 hit per rnd.	Foe is unbalanced and must parry for 2 rnds. +10 hits. Add +5 to your next action.	Foe is spun about. +13 hits. Foe fights at -10 for 2 rnds.	Foe is staggered. +20 hits and 3 hits per rnd. If foe has non-magical non- metal weapon, it is destroyed.
51-55	Sizzling but weak blast stuns foe for 1 rnd. +6 hits.	Foe is stunned for 1 rnd. +8 hits and 2 hits per rnd.	Blast stuns foe for 2 rnds. +10 hits. If foe has leg armor, 1 hit per rnd; if not, 3 hits per rnd.	Blast stuns foe for 2 rnds. If foe has helm, he take +8 hits and 2 hits per rnd. If not, he takes +11 hits and 4 hits per rnd.	Impact and acid stuns foe for 4 rnds. Foe takes 3 hits per rnd.
56-60	Foe is unbalanced and forced to parry for the next ₃ rnds.	Foe is stunned for 2 rnds. Foe's clothing is destroyed.	Blast stuns foe for 2 rnds. +10 hits and all foe's clothing and leather are destroyed.	Strike to foe's shield arm. If foe has no shield or metal armor, he is knocked out for 1 day. +15 hits.	Strike to foe's weapon arm. Foe drops weapon. Foe fights at -10 and takes 3 hits per rnd.
61-65	Chest strike. If foe has metal armor, stunned 3 rnds; if not, stunned for 4 rnds. +6 hits.	Leg strike. Foe is stunned and unable to parry for 1 rnd. Fights at -5. +9 hits,	Upper leg strike. Foe is stunned and unable to parry for 1 rnd. +10 hits and foe fights at -10.	+10 hits. If foe has abdomen armor, he takes 2 hits per rnd; if not, 5 hits per rnd.	Leg strike, foe is knocked down. Stunned for 2 rnds. Cannot parry for 1 rnd. +13 hits.
66	Blast stuns all within 5' of foe for 1 rnd. Foe drops all he is holding. Fights at -15. +10 hits.	Foe is stunned 2 rnds. +15 hits. If foe is wearing organic armor, it is useless and he fights at -15.	Chest strike, if foe has non- magical, metal armor, it becomes fused and arms unusable; if not, knock out for 6 days. +15 hits.	Neck blast knocks foe out. Foe cannot speak for 2 months and takes 4 hits per rnd. +20 hits.	Head strike. If foe has helm, it is destroyed and foe is in a coma for 2 months; if not, foe's brain liquefies and he dies. +10 to your next roll.
67-70	Back strike. Foe is stunned and unable to parry for 1 rnd. +7 hits.	Back strike. Foe is stunned for 2 rnds, cannot parry for 1 rnd, and fights at -10. +8 hits.	Back blast stuns foe for 3 rnds and he cannot parry for 1 rnd. Fights at -15. +9 hits.	Back blast Foe is down for 1 rnd and 3 hits per rnd. Fights at -20. +10 hits.	Back strike. Foe is stunned and unable to parry for 4 rnds. Minor shock. Fights at -25. +15 hits.
71-75	Blast stuns foe for 3 rnds. Foe fights at -5 for 6 rnds. +8 hits.	Shield arm strike. If foe has a shield, he is stunned for 4 rnds; if not, arm is useless and he is stunned and unable to parry for 2 additional rnds. +10 hits.	Strike to shield arm. If foe has metal shield, he is stunned for 6 rnds and takes +12 hits; if not, +15 hits and foe is knocked down and arm is useless.	Strike to weapon arm. Arm is useless and foe is stunned for 3 rnds. +13 hits.	Shoulder strike shatters foes weapon arm, muscles and cartilage damage. Arm is useless, foe is stunned for 6 rnd and takes 3 hits per rnd
76-80	Strike to foe's upper chest stuns him for 2 rnds and he cannot parry for 1 rnd. +9 hits.	Arm strike burns foe. Stunned for 2 rnd and takes 2 hits per rnd. All cloth on weapon arm is burnt off and he drops all he is holding. $+11$ hits.	If foe has chest armor, he is stunned for 6 rnds, takes 2 hits per rnd, and fights at -5. If not, foe is knocked out for 3 days due to shock. $+14$ hits.	Foe loses the hand on his weapon's arm. Foe is stunned and unable to parry for 3 rnds and takes 5 hits per rnd. Severe Burns. +16 hits.	Chest strike knocks out foe due to shock, blood loss, and nerve damage Foe take 3 hits per rnd. +18 hits.
81-85	Back blast stuns foe for 2 rnds. He is unable to parry for 3 rnds. +12 hits.	Back blast. Foe is stunned and unable to parry for 3 rnds. Muscles destroyed. Foe fights at -15. +13 hits.	Blast to thighs. If foe has leg armor, 2 hits per rnd and fights at -20; if not, massive leg damage (muscle/tissue) and fights at -85.	Lower back strike stuns foe for 20 rnds and adds 3 hits per rnd. +15 hits. Nerve and shock damage.	Foe inhales acid and he loses throat and lungs. Foe dies in 12 rnds. +20 hits.
86-90	Foe knocked down. If foe has metal armor legging, he loses use of legs due to nerve dam- age; if not, +15 hits and stun- ned/unable to parry for 4 rnds.	Leg strike. Any organic legging is dissolved causing 6 hits per rnd. Foe is stunned for 4 rnds. +14 hits.	Lower leg burns, foe loses foot but wound is sealed. Stunned and unable to parry for 6 rnds. 3 hit per rnd. Fights at -15. +23 hits.	If foe has abdomen armor, it is destroyed, foe is out, knocked down, and takes 2 hits per rnd. If not, foe dies in 12 rnds due to organ loss.	Foe's lower body turns to mush. Foe dies in 9 rnds due to loss. +20 hits.
91-95	Hip strike. If foe has hip armor, +10 hits and stunned for 6 rnds; if not, stunned for 3 rnds and at -50 due to shock and nerve damage.	Head strike. Foe is blinded and fights at -95. If foe has organic helm, it is destroyed. If no helm, 8 hits per rnd and loses 50% of hair.	Upper leg burns. Foe loses use of leg due to tissue loss. Stunned and unable to parry for 7 rnds. 4 hits/rnd. Fights at -20. +25 hits.	If foe has full helm, his eyes are destroyed and he is in a coma for 2 days. If not, foe dies in 6 rnds due to massive brain damage. +20 hits.	Side strike melts foe's lower body and internal organs. Foe dies in 6 rnds. +25 hits.
96-99	Neck strike. If foe has neck armor, stunned for 3 rnds; if not, stunned 4 rnds and +8 hits. If no head covering, splash into ear drives insane.	Neck strike destroys foe's throat. +20 hits. 12 hits per rnd and he is inactive for 9 rnds before dying.	Chest strike destroys foe's heart and lungs. If foe has metal armor, it is fused to his chest and he dies in 5 rnds; if not, foe dies instantly.	Chest strike knocks foe back 10'. Massive nerve damage, foe dies of fatal shock in 3 rnds. +22 hits.	Chest strike destroys both of foe's lungs. Blast throws foe back 10'. Foe dies in 3 gasping rnds. +30 hits.
100	Blast to head. +15 hits. If helmed, foe is knocked out & takes +1 per rnd; if not, foe drops into coma for 1 month, -85 to Appearance.	Blow to back of neck paralyzes foe from shoulders down. +20 hits. Foe is very mad.	Foe's head is no longer available for use. Acid smoke surrounds the body. +15 to friendly witnesses for 3 rnds.	Acid vaporizes foe's midsection. Destroys foe's clothing, armor & all he was carrying. Foe is cut in half and dies. Add +15 to your next roll.	All that remains of foe is a puddle of flesh. +20 to your next roll. Ugh.

	PHYSIC	CAL ALTERAT	TION CRITICA	AL STRIKE TAI	BLE
	A	В	С	D	E
01-05	0	0	0	0	0
06-10	0	0	0	0	+1 hit.
11-15	0	0	0	+1 hit.	You gain initiative next rnd. +1 hit.
16-20	0	0	+1 hit.	You gain initiative next rnd. +1 hit.	Foe reels backward and must parry next rnd. +2 hits.
21-35	0	+1 hit.	You gain initiative next rnd. +1 hit.	Foe reels backward from hip strike and must parry next rnd. +2 hits.	Chest strike. Foe must parry next rnd. Add +5 to your next action. +3 hits.
36-45	+1 hit.	You gain initiative next rnd. +1 hit.	Thigh wound. Your attack stings your foe and he must parry next rnd. +2 hits.	Thigh strike. Foe must parry next rnd. Add +5 to your next action. +3 hits.	Thigh wound. Foe is spun around and must parry next rnd at -20. +4 hits.
46-50	You gain initiative next rnd. +1 hit.	Your foe is unsure of what's going on and must parry next rnd. +2 hits.	Back strike knocks foe down. Foe must parry next rnd. Add +5 to your next action. +3 hits.	Back wound. Foe is spun around and must parry next rnd at -20. +4 hits.	Back wound. Foe is stunned next rnd. +5 hits.
51-55	Chest strike. 50% change. Your attack stings your foe and he must parry next rnd. +2 hits.	Blast leaves foe's chest smoking. Foe must parry next rnd. Add +5 to your next action. +3 hits.	Chest strike. Foe must parry next rnd at -20. +4 hits.	Chest wound. Foe is stunned next rnd. +5 hits.	Chest wound. Foe is stunned next rnd and fights at -10. +6 hits.
56-60	Leg strike. 60% change. Foe must parry next rnd. Add +5 to your next action. +3 hits.	Leg wound. 50% change. Foe is spun around and must parry next rnd at -20. +4 hits.	Thigh wound. Foe is stunned. +5 hits.	Leg wound. Foe is stunned next rnd and fights at -10. +6 hits.	Strike foe's leg. Foe is stunned and unable to parry next rnd. Foe fights at -10. +7 hits.
61-65	Arm strike. 70% change. Foe must parry next rnd at -20. +4 hits.	Minor arm wound. 60% change. Foe is stunned next rnd. +5 hits.	Forearm strike. 50% change. Foe is stunned next rnd and fights at -10. +6 hits.	Strike foe's arm. Foe is stunned and unable to parry next rnd. Foe fights at -10. +7 hits.	Forearm wound. Foe is stunned for 2 rnds and fights at -15. +8 hits.
66	Leg bender. 80% change. Foe is stunned for 2 rnds. Add +20 to your next action. +10 hits.	Weapon arm strike. 70% change. Foe is stunned 3 rnds. Add +20 to your next action. +12 hits.	Thigh strike. 60% change. Foe is stunned for 4 rnds. Add +10 to your next action. +15 hits.	Leg wound. Foe is stunned for 5 rnds. Add +10 to your next action. +18 hits.	Chest strike. Foe's lungs are filled with smoke and he is overcome and stunned for 6 rnds and fights at -40. +20 hits.
67-70	Neck strike. 90% change. Foe is stunned next rnd and fights at -10. +6 hits.	Strike foe's neck. 80% change. Foe is stunned and unable to parry next rnd. Foe fights at -10. +7 hits.	Neck strike. 70% change. Foe is stunned for two rnds and fights at -15. +8 hits.	Shoulder strike. 50% change. Foe is stunned for 3 rnds. Add +20 to your next action. +9 hits.	Shoulder wound. Foe is stunned and unable to parry for 2 rnds and fights at -20. +10 hits.
71-75	Thigh strike. 100% change. Foe is stunned and unable to parry next rnd. Foe fights at -10. +7 hits.	Leg wound. 90% change. Foe is stunned for 2 rnds and fights at -15. +8 hits.	Leg wound. 80% change. Foe is stunned for 3 rnds. Add +20 to your next action. +9 hits.	Leg wound. 60% change. Foe is stunned and unable to party for 2 rnds and fights at -20. +10 hits.	Lower leg strike. 50% change. Foe is stunned and unable to parry for 3 rnds and fights at -25. +11 hits.
76-80	Shield arm strike. 100% change. Foe is stunned for two rnds and fights at -15. +8 hits.	Shield arm strike. 100% change. Foe is stunned for 3 rnds. Add +20 to your next action. +9 hits.	Shield arm strike. 90% change. Foe is stunned and unable to parry for 2 rnds and fights at -20. +10 hits.	Shield arm strike. 70% change. Foe is stunned and unable to parry for 3 rnds and fights at -25. +11 hits.	Weapon arm strike. 60% change. Foe is stunned and unable to parry for 4 rnds and fights at -30. +12 hits.
81-85	Side wound. 100% change. Foe is stunned for 3 rnds. Add +20 to your next action. +9 hits.	Side wound. 100% change. Foe is stunned and unable to parry for 2 rnds and fights at -20. +10 hits.	Side wound. 100% change. Foe is stunned and unable to parry for 3 rnds and fights at -25. +11 hits.	Stomach strike. 80% change. Foe is stunned and unable to parry for 4 rnds and fights at -30. +12 hits.	Back wound. 70% change. Foe is stunned and unable to parry for 5 rnds and fights at -30. You only needed half a rnd. +13 hits.
86-90	Nail foe's back. 100% change. Foe is stunned and unable to parry for 2 rnds and fights at - 20. +10 hits.	Back of head strike. 100% change. Foe is stunned and unable to parry for 3 rnds and fights at -25. +11 hits.	Hit on back of head. 100% change. Foe is stunned and unable to parry for 4 rnds and fights at -30. +12 hits.	Bruise to kidneys. 90% change. Foe is stunned and unable to parry for 5 rnds and fights at -30. You only needed half a rnd. +13 hits.	Leg wound. 80% change. Foe is stunned and unable to parry for 6 rnds and fights at -30. You only needed half a rnd. +14 hits.
91-95	Head strike. 100% change. Foe is stunned and unable to parry for 3 rnds and fights at -25. +11 hits.	Hip strike. 100% change. Foe is stunned and unable to parry for 4 rnds and fights at -30. +12 hits.	Chest wound. 100% change. Foe is stunned and unable to parry for 5 rnds and fights at -30. You only needed half a rnd. +13 hits.	Side wound. 100% change. Foe is stunned and unable to parry for 6 rnds and fights at -30. You only needed half a rnd. +14 hits.	Arm wound. 90% change. Foe's arms are struck numb and may not be used for 7 agonizing rnds. +16 hits.
96-99	Zap to the Head. 100% change. Foe is stunned and unable to parry for 4 rnds and fights at -30. +12 hits.	Bruise to cheek. 100% change. Foe is stunned and unable to parry for 5 rnds and fights at -30. You only needed half a rnd. +13 hits.	Neck wound. 100% change. Foe is stunned and unable to parry for 6 rnds and fights at -30. You only needed half a rnd. +14 hits.	Back wound. 100% change. Foe is struck in the back and is brought to his knees for 7 long rnds. +16 hits.	Chest strike. 100% change. Foe's heart stops momentarily. It takes 8 rnds before foe can do anything due to chest pains. +18 hits.
100	Throat burns. 100% change. Foe is stunned and unable to parry for 5 rnds and fights at -30. You only needed half a rnd. +13 hits.	Eye wound. 100% change. Foe is blinded and is at -90 for 2 rnds. Stunned for 6 rnds. +14 hits.	Head strike. 100% change. Foe's ears are blasted, staggers and falls prone for 8 long rnds. +15 hits.	Head strike. 100% change. Foe's brain is frazzled and is unable to cope with any action for the next 8 rnds. +18 hits.	Head strike. 100% change. Foe's eyes roll into back of his head. Foe awakens after 9 rnds and needs to re- orient (very hard). +20 hits.

		DEPRESSION	CRITICAL ST	RIKE TABLE	
	А	В	С	D	E
01-05	0	0	0	0	Stunned for 3 rnds.
06-10	0	0	0	Stunned for 2 rnds.	Stunned 3 rnds. Mild depres- sion5 to actions for 10 min.
11-15	0	0	Stunned for 1 rnd.	Stunned for 3 rnds. Mild depression5 to all actions for 5 minutes.	Stunned for 5 rnds. Mild depression5 to all actions for 10 minutes.
16-20	0	Stunned for 1 rnd.	Stunned for 3 rnds. Mild depression5 to all actions for 5 minutes.	Stunned for 5 rnds. Mild depression5 to all actions for 10 minutes.	Disoriented. Mild depression 10 to all actions for 30 minutes.
21-35	Stunned for 1 rnd.	Stunned for 3 rnds. Mild depression5 to all actions for 5 minutes.	Stunned for 5 rnds. Mild depression5 to all actions for 10 minutes.	Disoriented. Mild depression. -10 to all actions for 30 minutes.	Disoriented. Moderate depression15 to all actions for 1 hour.
36-45	Stunned for 3 rnds. Mild depression5 to all actions for 1 minute.	Stunned for 5 rnds. Mild depression5 to all actions for 5 minutes.	Disoriented. Mild depres- sion10 to all actions for 20 minutes.	Disoriented. Moderate depression15 to all actions for 1 hour.	Disoriented. Moderate depression15 to all actions for 3 hours.
46-50	Stunned for 5 rnds. Mild depression5 to all actions for 1 minute.	Disoriented. Mild depression10 to all actions for 20 minutes.	Disoriented. Moderate depression15 to all actions for 30 minutes.	Disoriented. Moderate depression15 to all actions for 3 hour.	Disoriented. Moderate depression20 to all actions for 6 hours.
51-55	Disoriented. Mild depression10 to all actions for 5 minutes.	Disoriented. Moderate depression15 to all actions for 30 minutes.	Disoriented. Moderate depression15 to all actions for 1 hour.	Disoriented. Moderate depression20 to all actions for 6 hours.	Disoriented. Severe depression. -20 to all actions for 24 hours.
56-60	Disoriented. Moderate depression15 to all actions for 10 minutes.	Disoriented. Moderate depression15 to all actions for 1 hour.	Disoriented. Moderate depression20 to all actions for 3 hours.	Disoriented. Severe depres- sion20 to all actions for 15 hours.	Disoriented. Severe depression. -30 to all actions for 1 week.
61-65	Disoriented. Moderate depression15 to all actions for 30 minutes.	Disoriented. Moderate depression20 to all actions for 3 hours.	Disoriented. Severe depression20 to all actions for 6 hours.	Disoriented. Severe depres- sion30 to all actions for 24 hours.	Severe depression30 to all actions for 1 month. Sad.
66	Foe falls unconscious. Suicidal depression. 15% chance/day of a highly suicidal act.	Foe goes into serious withdrawal from life due to an extremely low self- esteem catatonia.	Foe's mind goes elsewhere on an extended vacation. Coma.	The shock was too great to handle and foe's mind collapses. Coma. Death if no helm.	Foe's mind finds refuge in final surcease of everlasting Death.
67-70	Disoriented. Moderate depression20 to all actions for 1 hour.	Disoriented. Severe depression20 to all actions for 6 hours.	Disoriented. Severe depression30 to all actions for 24 hours.	Severe depression30 to all actions for 1 week. Enjoy the ride.	Foe is now manic-depressive for 6 months and is at -35 to all actions.
71-75	Disoriented. Severe depression20 to all actions for 3 hours.	Disoriented. Severe depression30 to actions for 24 hrs starting next rnd.	Severe depression30 to all actions for 1 week. Bummer.	Foe is now manic-depressive for 1 month. Lucky.	Foe is now manic-depressive. Suicidal. Permanent. 75%/day chance of suicide. Pitiful.
76-80	Disoriented. Severe depression30 to all actions for 6 hours.	Severe depression30 to all actions for 24 hours. Much sadness here.	Foe is now manic-depressive for 1 week.	Foe is now manic-depressive. Permanent. It could have been worse.	Mental Trauma. Roll 4 Random Insanities. Permanent. Time for the looney bin.
81-85	Severe depression30 to all actions for 24 hours.	Foe is now manic- depressive for 1 week.	Foe is now manic-depressive. Permanent. Life is now a roller-coaster.	Jolting. Roll 3 random Insanities. Permanent. Ugly.	Brain Fry. Roll 4 Random Insanities. Foe is at a -50 for all actions. Unconscious.
86-90	Foe is manic-depressive for 1 week.	Foe is now manic- depressive. Permanent. Life will continue to have its ups and downs.	Jolting. Roll 2 random Traumas. Permanent.	Suicidal depression. Permanent. 50%/day of suicide. Foe is now uncon- scious.	Catatonic depression. Permanent. Foe curls up to await Death.
91-95	Foe is manic-depressive. Permanent. Not a pretty sight.	Mental shock. Roll 1 random Trauma. Permanent.	Suicidal depression. Permanent. 25% chance/day of outright suicide.	Catatonic depression. Permanent. Foe attempts to get off the Merry-Go-Round of life.	Foe decides on a strategic withdrawal from reality. Coma.
96-99	Mental shock. Roll 1 random Trauma. Permanent.	Suicidal depression. Permanent. 25% chance/ day of a suicidal action.	Catatonic. Permanent. Foe opts out.	Foe hides in the Darkest corner of his mind. Coma.	Foe stops moving and slowly sits down, closing his eyes. Death.
100	Suicidal depression. Permanent. 10% chance/ day of a suicidal action.	Catatonic depression. Permanent. Foe wraps himself in a huddle and denies existence.	Severe depression. Too much for foe to handle. Coma.	Foe feels life is no longer worth living and gives up. Death.	Foe whimpers once as he falls to the floor. Death.

		STRESS CR	ITICAL STRIK	E TABLE	
	А	В	С	D	E
01-05	Agony! +10 hits. Badly sprained back35 to all maneuvers.	Oh Pain! +15 hits50 on all actions5 to temp CO stat.	Racking Pain! +30 hits70 to all actions15 to temp CO stat.	Totally Paralyzed. +70 hits. -90 to actions after paralyza- tion is healed40 to temp CO stat.	+110 hits. You are at -100 to all actions and die in 12 rnds70 to temp CO stat, -20 to potential CO stat.
06-10	+4 hits. Pulled ligaments. -10 to all physical maneuvers.	Throbbing pain. +10 hits. -40 on all actions3 to temp CO stat.	Debilitating Pain. +25 hits. -10 to temp CO stat60 on everything. Uh Oh.	Crippling Pain from torn muscle tissue30 from temp CO stat80 to all actions.	Incapacitating Agony. +100 hits. Paralyzed (no action)60 to temp CO stat, -20 to potential CO stat.
11-15	Sprained muscle -5 to all physical maneuvers for next 24 hours.	+7 hits. Ligament and tendon damage30 to all maneuvers.	+19 hits50 to all actions -7 to temp CO stat. Nobody forced you.	+50 big hits30 to everything. -20 off temp CO stat.	Crippling Pain. +90 hits50 off temp CO stat15 off potential CO stat90 to all actions.
16-20	None	+5 hits10 to all physical maneuvers. Ouch!	Terrible Agony. +14 hits. -40 to all actions5 to temp CO stat.	Prickly Torment +45 hits60 to all actions15 to temp CO stat.	Excruciating Pain. +80 hits40 off temp CO stat10 off potential CO stat80 to all actions.
21-35	None	+3 hits5 to all physical maneuvers.	+10 hits30 to all actions. -3 to temp CO stat.	+37 hits55 to all action12 to temp CO stat. You did it to yourself.	+73 very real hits75 to all actions33 to temp CO stat7 to potential CO stat. Agony.
36-45	None	Pulled a muscle5 to all physical maneuvers for 24 hours.	+8 hits20 to all actions due to stinging pain.	+30 hits50 to all action8 to temp CO stat. Retirement ain't all bad.	+65 hits25 point off temp CO stat5 off potential CO stat. You are at -70 to do anything.
46-50	None	None	Bad Sprain. +5 hits. Pain. -10 to physical actions.	Pain lances through your body. +27 hits damage5 to temp CO stat40 to all maneuvers.	+55 hits. You are at -6020 to your temp CO stat. Time to retire, think about it.
51-55	None	None	+2 hits. That smarts. You are at a -5 to physical maneuvers.	+24 hits1 to temp CO stat. -30 to all actions. Not good.	+50 hits18 to temp CO stat. Sprained 110 muscles, -55 to activity.
56-60	None	None	Sprain for the next 24 hours. -5 to all physical maneuvers.	+20 hits. Screaming muscles leave you -201 to temp CO stat.	Lacerating Agony. +45 hits. -45 on all actions14 to temp CO stat.
61-65	None	None	None	+15 hits. Splitting pain in back bestows -15 to all actions.	+35 hits10 to temp CO stat. -40 to all actions. Scourging Pain.
66	None	None	None	+10 hits. Good Job. You are at -10 on all physical maneuvers.	Now that really hurt. +28 hits. -7 to Temp CO stat30 to all actions.
67-70	None	None	None	Dull Ache in joints. +6 hits. You are at -5 to all physical maneuvers.	+21 hits25 to all actions -5 to temp CO stat. Much Pain.
71-75	None	None	None	+3 hits. Smooth move5 to all physical maneuvers.	Gripping Pangs. +15 hits20 to actions2 to temp CO stat.
76-80	None	None	None	None	+12 hits. Throbbing Pain gives - 15 to all actions. Not Pretty.
81-85	None	None	None	None	Sprained muscles and tendons. +7 hits10 to all actions.
86-90	None	None	None	None	+4 hits5 to all physical maneuvers.
91-95	None	None	None	None	Sore Muscles. +1 hit5 to all actions.
96-99	Beneficial Stress. +2 add to hit total (i.e., body development). Enjoy.	None	None	None	None
100	Very Beneficial Stress. +5 add to hit total (i.e., body development). You have initiative.	Beneficial Stress. +5 to temp CO stat (may not raise stat above potential).	None	None	None

Appendices

SHOCK CRITICAL STRIKE TABLE					
	А	В	С	D	E
01-05	None	None	None	None	1 rnd of stun.
06-10	None	None	None	Stunned for 1 rnd.	Stunned for 2 rnds.
11-15	None	None	Stunned for 1 rnd.	Stunned for 1 rnd.	Stunned for 3 rnds. Parry at half.
16-20	None	Stunned for 1 rnd.	Stunned for 1 rnd.	Stunned for 2 rnds.	Stunned for 4 rnds. Cannot parry5 for 1 hour.
21-35	Stunned for 1 rnd.	Stunned for 1 rnd.	Stunned for 2 rnds. Parry at half.	Stunned for 3 rnds. Parry at half.	Stunned for 5 rnds10 for 1 hour.
36-45	Stunned for 1 rnd.	Stunned for 2 rnds. Parry at half.	Stunned for 3 rnds.	Stunned for 4 rnds. Cannot parry5 for 1 hour.	Stunned for 6 rnds. Cannot parry15 for 1 hour.
46-50	Stunned for 2 rnds.	Stunned for 3 rnds.	Stunned for 4 rnds. Cannot parry5 for 1 hour.	Stunned for 5 rnds. Cannot parry10 for 1 hour.	Stunned 7 rnds. Cannot parry or change facing20 for 1 hr.
51-55	Stunned for 3 rnds. Parry at half.	Stunned for 4 rnds. Cannot parry.	Stunned for 5 rnds. Cannot parry10 for 1 hour.	Stunned for 6 rnds. Cannot parry15 for 1 hour.	Stunned 9 rnds. Cannot parry or change facing25 for 24 hrs.
56-60	Stunned for 4 rnds. Cannot parry.	Stunned for 5 rnds. Cannot parry5 for 20 minutes.	Stunned for 6 rnds15 for 1 hour.	Stunned for 8 rnds. Cannot parry20 for 1 hour.	Stunned for 12 rnds. Cannot parry or change facing. Disoriented25 for 3 days.
61-65	Stunned for 5 rnds. Cannot parry5 for 20 minutes.	Stunned for 6 rnds5 for 1 hour.	Stunned for 8 rnds. Cannot parry20 for 1 hour.	Stunned for 10 rnds. Cannot parry or change facing. Disoriented25 for 24 hours.	Stunned for 15 rnds. Cannot parry or change facing. Disoriented30 for 3 days.
66	Stunned for 10 rnds. Cannot parry or change facing25 for 24 hours.	Stunned for 16 rnds. Cannot parry or change facing.	Foe slams himself to the Floor for 4 hits. Coma.	Foe snaps rigid and slowly falls, the air whistling audibly from his lips. Coma. Death if no helm.	Foe collapses like card house in a stiff breeze. Death.
67-70	Stunned for 7 rnds. Cannot parry10 for 1 hour.	Stunned for 9 rnds. Cannot parry10 for 3 hours.	Stunned for 11 rnds. Cannot parry or change facing20 for 3 hours.	Stunned for 13 rnds. Cannot parry or change facing. Disoriented30 for 24 hours.	Stunned for 19 rnds. Cannot parry or change facing. Disoriented35 for 3 days.
71-75	Stunned for 8 rnds. Cannot parry15 for 1 hour.	Stunned for 10 rnds. Cannot parry or change facing20 for 3 hours.	Stunned for 12 rnds. Cannot parry or change facing. Disoriented25 for 6 hours.	Stunned for 14 rnds. Cannot parry or change facing. Disoriented35 for 3 days.	Stunned for 25 rnds. Immobi- lized for 3 rnds. Disoriented. -40 for 1 week.
76-80	Stunned for 9 rnds. Cannot parry or change facing20 for 3 hours.	Stunned for 11 rnds. Cannot parry or change facing25 for 3 hours.	Stunned for 13 rnds. Cannot parry or change facing. Disoriented30 for 24 hrs.	Stunned for 15 rnds. Cannot parry or change facing. Disoriented40 for 3 days.	Stunned for 30 rnds. Immobi- lized for 5 rnds. Disoriented. -50 for 1 week.
81-85	Stunned for 10 rnds. Cannot parry or change facing20 for 6 hours.	Stunned for 12 rnds. Cannot parry or change facing. Disoriented30 for 24 hours.	Stunned for 14 rnds. Cannot parry or change facing. Disoriented30 for 2 days.	Stunned for 16 rnds. Cannot parry or change facing. Disoriented45 for 3 days.	Foe spins about clutching his head and falls. +2 Hits60 for 1 week. Unconscious.
86-90	Stunned for 11 rnds. Cannot parry or change facing25 for 6 hours.	Stunned for 13 rnds. Cannot parry or change facing. Disoriented35 for 24 hours.	Stunned for 15 rnds. Cannot parry or change facing. Disoriented35 for 2 days.	Stunned for 17 rnds. Cannot parry or change facing. Disoriented50 for 3 days.	One last howl punctuates foe's collapse. +5 Hits75 for 1 week. Unconscious.
91-95	Stunned for 12 rnds Cannot parry or change facing. Disoriented25 for 24 hours.	Stunned for 15 rnds. Cannot parry or change facing. Disoriented35 for 2 days.	Stunned for 18 rnds. Cannot parry or change facing. Disoriented40 for 2 days.	Stunned for 21 rnds. Immobilized 3 rnds50 for 1 week. +2 hits.	Roll 3 random phobias. +7 hits. Coma.
96-99	Stunned for 13 rnds. Cannot parry or change facing. Disoriented30 for 24 hours.	Stunned for 16 rnds. Cannot parry or change facing. Disoriented40 for 2 days.	Stunned for 24 rnds. Immobilized 2 rnds. Disoriented. +1 Hit.	Random brain damage. +3 hits. Coma.	Foe crumples in an untidy heap. Death.
100	Stunned for 14 rnds. Cannot parry or change facing. Disoriented35 for 24 hours.	Stunned for 19 rnds. Immobilized 2 rnds45 for 2 days.	When foe awakes he is mindless drooling idiot. +2 hits. Coma.	Foe stops and remains in last living position. Pity. Death.	Foe's eyes glaze as he launches himself 10′ backwards. Death.



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