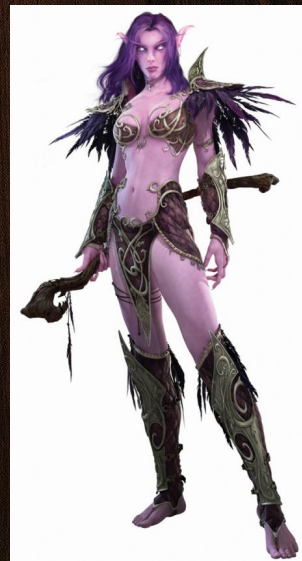




Armor in games and in general

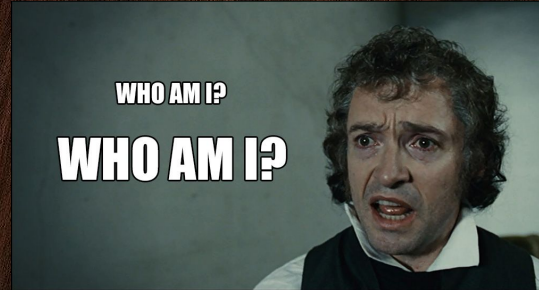
Anna Jenelius

Talecore
STUDIOS



Who am I?

- Anna Jenelius.
- Studied at Stockholm University, DSV.
- 4 years in the games industry.
- 3+ at Paradox Interactive/Development Studio.
- Now: Independent Game Developer.



How am I qualified?

- I make my own armor.
- Gamer since I was 2 y/o.
- Huge history buff.



Why armor?

- Going into a battle.
- Does not wish to get hurt or killed.
- Look good, show wealth (parades etc).



Purpose

- Protection:
 - Blunt damage
 - Slashing damage
 - Piercing damage
- The more fighting you expect to see, the heavier your armor should be.



Material

- Metal
- Leather
- Cloth (fabric)



Leather vs. cloth

- Leather armor has never really been a thing.
- Studded leather armor has definitely **not** been a thing.
- Instead: The gambeson.
- Padded armor (~20 layers of linen).
- On its own, under mail, under plate.



And by the way...

- It is called mail or maille.
- “Chainmail” is not a thing.



Metal: Price

- Metal armor is expensive.
- Like, super expensive.
- A roman legionary armor could be worth a small village ($\frac{3}{4}$ of a million dollars).



This means that...

- A commoner would not have heavy armor.
- A suit of armor could be used to pay ransom.
- Nobles could more or less expect to be captured, not killed.



Metal: Weight

- Steel: 8 g/cm³.
- 3 mm thick sheet of steel:
26 kg per m².
- Heavy armor = slower
soldier.
- Spikes serve no purpose.



However!

- Not super-hard to move in.
- Can get up from back.
- Did not need cranes.



Deflection vs. Direction

- You want to deflect blows.
- Spikes can actively direct them towards your body.



Deflection on torso

- Two bulges on breastplate directs blows towards heart.
- Boobs are soft, can snuggle in the gambeson.



Character's purpose

- Consider what the character's role is.
 - Sneaky?
 - Brutal?
 - Careless?
 - Rich?
 - Flamboyant?
- Look at Leliana's boots.



Study: Landsknecht

- 15th-16th century Europe.
- Mercenaries.
- Wore what they earned - which was a lot.
- The rockstars of their age.



Use out of battle

- Relatively little time fighting.
- Marching.
- Chilling in camp.
- If you wear it out of battle, make it comfy (for you and others).
- Armor not welcome everywhere.



Armor on and off

- Full-plate doesn't just spawn on you.
- Mail is easier, but still tricky.



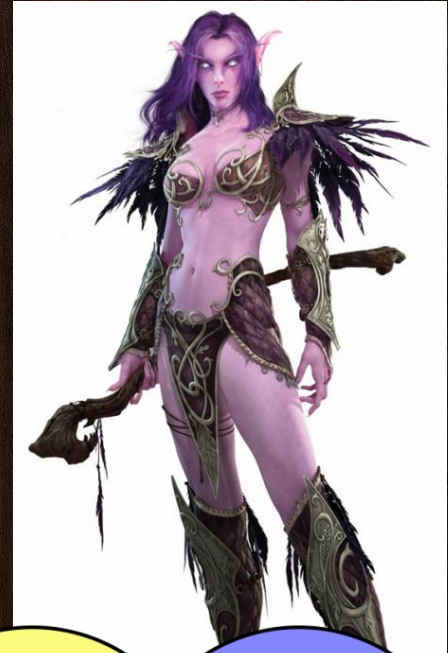
Tight armor and layers

- Shirt, gambeson, possibly mail underneath.
- Skin-tight plate doesn't work.



Bare skin

- Almost inverted legionary armor.



Areas you
need to
protect

Areas this
armor
protects

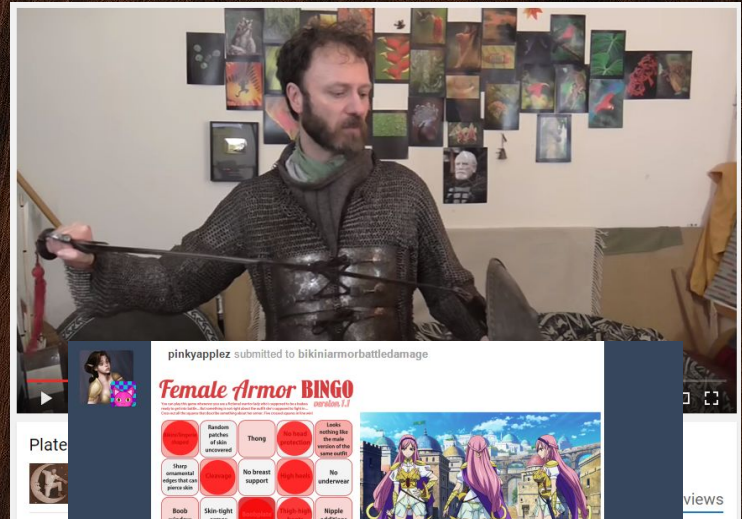
High heels

- Running in heels is awkward.
- Dangerous.
- Modern soldiers wear boots.



Great references (popculture)

- YouTube:
 - Lindybeige
 - Skallagrim
 - Chadiversity
- <http://bikiniarmorbattledamage.tumblr.com/>



pinkyapplez submitted to bikiniarmorbattledamage

Female Armor BINGO

Redundant armor	Banish patches of skin	Thong	Bank nothing but the female version of the space suit
Sharp, unrounded edges that can generate	Overheat	No breast support	No underwear
Boob window	Skin tight armor	High heels	Wiggle additions
Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini
Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini
Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini	Armor that is not a bikini

pinkyapplez submitted

I saw this over on Escher Girls and just had to do the Female Armor Bingo. What cracks me up most about this is that the only other protection besides the pieces of armor is the sheer shirt. I guess she's hoping that any weapons will get caught in the fabric and not run her through...

This... thing was bound to get a bingo sooner or later.



Female Armor BINGO

version 1.1

You can play this game whenever you see a fictional warrior lady who's supposed to be a badass ready to get into battle... But something is not right about the outfit she's supposed to fight in... Cross out all the squares that describe something about her armor. Five crossed squares in line win!

Bikini/lingerie shaped	Random patches of skin uncovered	Thong	No head protection	Looks nothing like the male version of the same outfit
Sharp ornamental edges that can pierce skin	Cleavage	No breast support	High heels	No underwear
Boob window	Skin-tight armor	Boobplate*	Thigh-high boots	Nipple additions
Bared back	Covers only nipples & genitals on the torso	No pants	Bared belly	How does it attach?!
Metal worn directly on bare skin	Almost naked for an adventure in cold climate	More metal used on boots/gauntlets than to cover vital organs	Underboob	More advanced armor = skimpier

*breastplate with two boob-shaped bumps

BikiniArmorBattleDamage.tumblr.com

OzzieScribbler.deviantart.com

Female Armor BINGO

rhetoric edition!

Play this game whenever you notice a fictional warrior lady in a ridiculously skimpy battle outfit. But someone (be it a fan or the creator) INSISTS that it's a totally valid way to dress for a fight! Cross out all the squares that were used as arguments to justify it. Five crossed squares in line win!

„Men are sexualized too!”	„She would look too manly in a normal armor!”	„This outfit is normal for her culture /climate!”	„Male barbarians also fight half-naked!”	„Don't expect fiction to be realistic!”
„It helps with her agility!”	„She CHOSE to dress like that!”	„Her strength comes from uncovered skin!”	„It's (just) fantasy/sci-fi! Magic/science protects her!”	„It's stylized!”
„Women are weak, so they need light armor!”	„Girls are SUPPOSED to look sexy!”	„That's the best way of marketing to men!”	„She was designed in a country where sexualization is cultural!”	„Stop complaining and make it yourself!”
„It suits her fighting style!”	„She embraced her sexuality! She's empowered!”	„There's nothing wrong with showing a bit of skin!”	„Why do you even care? It's just for fun!”	„Art shouldn't be censored!”
„She defeats her enemies through distraction!”	„She's indestructible! She doesn't need any protection!”	„You want every woman to be covered from head to toe!”	„She's so badass that she needs no armor!”	„Great story makes up for those ridiculous designs!”

BikiniArmorBattleDamage.tumblr.com

OzzieScribbler.deviantart.com

Show-and-tell!

- Norman 1066 armor (Battle of Hastings).
 - Shirt
 - Gambeson
 - Hauberk
 - Coif (padded)
 - Coif (mail)
 - Linen pants
 - Wool leg wraps (not depicted)
 - Shoes
 - Belt





Questions?

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STUDIOS

