

pathogen: "a microorganism that causes disease" { 2022 Jan 12 p NATURAL BURMY parasife (1) symbiotic organism symbiant. (3) doesn't typically kill its host (extended interaction) (e) bad for its hast (lowers host sitness) parasitorid unsps ectoparesites (tribs, fleas, ... So what? evolutionary association crose association. by and lowers the time so of another any organism that bonesits (gains siness) Boothmical interaction t/- isteraction at least one life stage > ectalendo

(2 mm blotic) association. transposable elements, transmissible cancers NAMARY COMMES: chung: suging anthrax) parasitaidpredator-Kills host chronic wasting disease (deer, elk antagonistic coerolution cows mosquite / selfish DNA. grades acas the winner/loser 15.62 Tasmanian deiglitacial tumons disease commensal me tradists "symbion+"

trematodes schistosomes molluscs. * remetades p4 Jaa 12 swaz glad Sasnyin phases (vinuses of backenia, backria multicellular metabans host infected or not? nicroparastes E) INTENSITY -D small INDEPENDENT parasile · models much E how beauty Intensity dependent Svival load harder!

behavioral parasites, phytophagous insects. (aphids, Lepideptera ecfaparasites EVOLUTION of parasites. symbishic natural enemy provides a stable environment (transportation) & PHORETIC host brood parasites symborn - symbioni flea tice. beta beetles. eg. cuckoos [4nts??] compilate

lose a lot of grendypic elements (mobility) ristration to commensal <> parasitic more common in micropanasites parasific organism phic organism tarasihism? population fromth Soil backrium (per copita pop granta) E001067 or evolutionary EVOLUTION?