

Master_Glossary_v1.19



WBN Glossary (Master File — v1.19 Safe-Save)

Each entry is tagged according to its origin in the WBN lexicon:

- **Neolex** → Coined by the author (new terms).
 - **Exolex** → Borrowed intact from external science/technical usage.
 - **Insulex** → Common words given a **narrowed, specialized sense** inside WBN.
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Neolexes

- **Thesiastics** — Discipline of world-setting: the synthesis of structural systems, symbolic meaning, and contextual coherence into a fictional world.
- **Thesiast** — One who engages in thesiastics.
- **Enthesiast** — A joyful/compulsive thesiast; a worldbuilder lost in maps, orbits, or alphabets.
- **Numerothesiastics (T_n)** — Quantitative branch (math, physics, astronomy).
- **Mirandothesiastics (T_m)** — Qualitative branch (myth, culture, aesthetics).
- **Ontotype** — Formal category of cosmic object.
- **Ontosomics** — Study of life-relevant planemo characteristics.
- **Ontosomic Life Classification** — Taxonomy of xenotic/non-standard life.
- **Geotic Envelope** — An ontosomic tool defining a planemo's Earthlike parameter bounds.
- **Thermozone** — Orbital classification by thermal habitability.
- **Gaeon** — Earthlike planemos, hospitable to unmodified humans.
- **Geotic** — Broader habitable rocky/metallic planemos.
- **Rheatic** — High-mass terrestrial super-Earths.
- **Telluric** — Rocky/metallic/icy planemos with solid/semi-solid surfaces.
- **Xenotic** — Planemos with alien biospheres.
- **Lithic** — Solid planemos.
- **Astatic** — Mixed-phase planemos.
- **Aetheric** — Gaseous planemos.
- **Ulsic** — Exotic/theoretical matter planemos.
- **Conformations** — Subcategories of Orders.
- **Ontosomy** — The counterpart to Conformation, describing life-relevance.

- **Climostates (States)** — Global climatic envelopes.
- **Conditions** — Atmospheric/seasonal descriptors.
- **Parahabitable** — Survivable with technological adaptation.
- **Gravity One Corridor** — Mass–density locus yielding Earthlike gravity.
- **–mo (Suffix)** — From Basri’s *planemo*, reinterpreted in WBN as “monobody.”
- **Intermo** — Transitional ontotype.
- **Stellamo** — Hydrogen-fusing stars.
- **Supermo** — Post-stellar remnants.
- **Ultramo** — Supermassive black holes.
- **Hypermo** — Speculative hypermassive bodies.
- **Monobody Ontotypes** — Ontotypes defined by the Monobody Condition.
- **Thermal Interval Constant (p)** — Defines subclass temperature increments.
- **Principle of Mass Measurement** — Planemo masses are numeric only.
- **Stellamo Framework Principle** — Rule of stellar classification in WBN.
- **QID Family (Authorial Fiat Mottos)** — Narrative license mottos.
- **Mundus tuum est** — Latin for “It’s your world.”

New Neolexes (v1.19 additions)

- **Orbit Randomization** — WBN symbolic framework for generating orbits from a basal orbit.
- **Gravitational Compression** — Increase in density due to self-gravity.
- **Buffer Gas** — Chemically inert bulk atmospheric gas in WBN.
- **Scale Height (H)** — Characteristic height of atmospheric pressure decay.
- **Pressure–Altitude Relation** — Exponential law governing atmospheric pressure decline with altitude.
- **WBN Constraint Classes** — Four symbolic types (Evaluative, Comparative, Prescriptive, Mandative).
- **Range Connectives** — WBN symbols for inclusive/exclusive ranges.
- **Random Assignment Grammar (<< >>)** — Procedural generation notation for ranges.
- **Symbolcrafter’s Creed (Axiom 7.1)** — WBN maxim: “*Better to have it and not need it...*”.
- **Temporal Biosignature Thresholds** — Planetary age cutoffs for biosignature plausibility.
- **Stellar Generations (I–III)** — WBN chronological reinterpretation of stellar populations.



Exolexes

- **Planemo** — Coined by Gibor Basri (~2003).

- **Spectral Class** — Stellar temperature classification.
- **Spectral Subclass** — Decimal subdivisions.
- **Spectral Type** — Spectral Class + Luminosity Class designation.
- **Luminosity Class** — Stellar size/brightness group.
- **Evolutionary Phase** — Stellar lifecycle stages.
- **Main Sequence** — Phase of hydrogen fusion.
- **Stellar Equations of State** — Relations linking M, R, L, T, Q.
- **Planemo Equations of State** — Relations linking m, r, ρ , g, v_e .
- **Blackbody** — Idealized emitter/absorber radiating by temperature.
- **Stefan–Boltzmann Law** — Radiant flux law.
- **Shirtsleeve** — Conditions survivable without gear.
- **Super-Earth** — Exoplanetology term.
- **Superhabitable** — Exoplanetology term.
- **Ammonia-based biosphere** — Astrobiology term.
- **Methanogenic biosphere** — Astrobiology term.
- **Silicon-based biosphere** — Hypothetical.
- **Plasma-phase consciousness** — Hypothetical.
- **Inverse-Square Law** — Energy diminishes by distance².
- **Relative Reference** — Parameters expressed relative to standards.
- **Absolute Reference** — Parameters expressed in SI units.
- **Astronomical Unit (AU)** — Mean Earth–Sun distance.
- **Sidereal Year** — Orbital period of Earth relative to stars.
- **Ephemeris Day** — Defined as exactly 86,400 s.
- **Solar-type Stars** — Stars similar to the Sun.

New Exolexes (v1.19 additions)

- **Axial Tilt (ϵ)** — Angle between spin axis and orbital plane normal.
- **Retrograde Rotation** — Rotation opposite orbital direction.
- **Habstar** — Term (Turnbull & Tarter 2003) for habitability-qualified stars.
- **Apparent Magnitude (m)** — Logarithmic measure of apparent brightness.
- **Absolute Magnitude (M)** — Magnitude at 10 parsecs.
- **Distance Modulus** — Connects apparent & absolute magnitude with distance.
- **Parsec (pc)** — Parallax-based distance unit.
- **Stellar Populations (I, II, III)** — Metallicity-based classification scheme.
- **Ephemeris Day** — Mean solar day (86,400 s).
- **Apparent Solar Day (Tropical Day)** — Interval between successive noons.

- **Sidereal Day** — Earth's rotation relative to stars.
 - **Stellar Day** — Rotation relative to ICRF (slightly longer than sidereal).
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Insulexes

- **World** — A planemo that is habitable or parahabitable.
 - **Hospitable** — Supports unaided human life.
 - **Habitable** — Immediately survivable by humans.
 - **Parahabitable** — Survivable with tech mediation.
 - **Inhospitable** — Unsurvivable by humans unaided.
 - **Earthlike** — Resembling Earth.
 - **Marginals** — Borderline planemos.
 - **Geostructural** — Referring to composition/structure.
 - **Oceanic** — Dominated by oceans.
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Planemo Symbols

- **m (planemo mass)** — Relative to Earth.
- **ρ (planemo density)** — Density relative to Earth.
- **r (planemo radius)** — Radius relative to Earth.
- **g (surface gravity)** — Gravity relative to Earth.
- **v_e (escape velocity)** — Escape speed relative to Earth.
- **\oplus (Terran unit)** — Symbol for Earth-relative units.

Stellar Symbols

- **M (stellar mass)** — Relative to the Sun.
 - **R (stellar radius)** — Relative to the Sun.
 - **L (stellar luminosity)** — Relative to the Sun.
 - **T (stellar temperature)** — Surface temperature.
 - **Q (stellar lifetime)** — Hydrogen-fusion lifetime.
 - **\odot (Solar unit)** — Symbol for Sun-relative units.
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Frameworks

- **Planemo Framework** → dual-branch (Conformation vs Ontosomy).
 - **Stellamo Framework** → dual-branch (Spectral vs Luminosity).
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Audit Checklist

Notes integrated  :

- Stars — Sidebars: Retrograde Rotation & Axial Tilt; Stellar Lifetimes & Habitability; Stellar Magnitudes & Distance Modulus; Stellar Populations; Units & Measures of Time; Why Venus Isn't Gaean.

Pending (Compendium → Emendations):

- Nucleal/Perannual orbits approximations & exclusivity.
- Stellar Equations of State refined exponents.
- Parahabitable nuance (mathematically parahabitable giants).
- Spectral Class → clarify WBN linearization (p).
- Venus sidebar → retitled to "Why Venus Isn't Gaean".