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alternation of parthenogenetic and sexual generations. [1865-70; HETERO- + GONY]

**het-er-o-graft** (het'er ə graft', -gräft'), *n.* *Surg.* xénograft. [1905-10; HETERO- + GRAFT']

**het-er-o-graphy** (het'ə rə grə'fē), *n.* 1. spelling different from that in current use. 2. the use of the same letter or combination of letters to represent different sounds, as, in English, the use of *s* in *sit* and *easy*. [1775-85; HETERO- + GRAPHY] — **het-er-o-graphic** (het'er ə graf'ik), **het-er-o-graph'i-cal**, *adj.*

**het-er-o-gy-nous** (het'ə rə'jə nəs), *adj.* *Zool.* having females of two different kinds, one sexual and the other abortive or neuter, as ants. [1850-55; HETERO- + GYNOUS]

**het-er-o-kary-on** (het'er ə kar'ē ə nŏn', -ən), *n., pl. -kary-a (-kar'ē ə). *Biol.* a cell containing two or more nuclei of differing genetic constitutions. [1940-45; HETERO- + Gk *karyon* nut, kernel; cf. *KARYO-*]*

**het-er-o-kary-o-sis** (het'er ə kar'ē ə sis), *n.* *Biol.* condition in which a binucleate or multinucleate cell contains genetically dissimilar nuclei. [1915-20; HETERO- + KARYO- + -SIS] — **het-er-o-kary-o-tic** (het'er ə kar'ē ə t'ik), *adj.*

**het-er-o-lec-i-thal** (het'er ə les'ə thəl), *adj.* *Embryol.* having an unequal distribution of yolk, as certain eggs or ova. [1890-95; HETERO- + LECITHAL]

**het-er-o-lo-gous** (het'ə rə lə'gəs), *adj.* 1. *Biol.* of different origin; pertaining to heterology. 2. *Med., Pathol.* consisting of dissimilar tissue, as that of another species or that of a tumor. 3. *Immunol.* pertaining to an antigen that elicits a reaction in a nonspecific antibody. [1815-25; HETERO- + LOGOUS]

**het-er-o-lo-gy** (het'ə rə lə'jē), *n.* 1. *Biol.* the lack of correspondence of apparently similar organic structures as the result of unlike origins of constituent parts. 2. *Pathol.* abnormality; structural difference from a type or normal standard. [1850-55; HETERO- + LOGY]

**het-er-om-er-ous** (het'ə rə m'ə rəs), *adj.* having or consisting of parts that differ in quality, number of elements, or the like: a *heteromerous flower*. [1820-30; HETERO- + MEROUS]

**het-er-om-e-tab-olous** (het'ə rə m'ə tab'ə ləs), *adj.* *Entomol.* undergoing development in which the young are born adultlike in form, often maturing without a pupal stage. Also, **het-er-o-met-a-bol-ic** (het'ə rə m'ə t'ə b'ə l'ik), [HETERO- + METABOL(ĪC) + -OUS] — **het-er-om-e-tab-o-lism**, **het-er-om-e-tab'o-ly**, *n.*

**het-er-o-mor-phic** (het'er ə mŏr'fik), *adj.* 1. *Biol.* dissimilar in shape, structure, or magnitude. 2. *Entomol.* undergoing complete metamorphosis; possessing varying forms. [1860-65; HETERO- + MORPHIC] — **het-er-o-mor-phism**, **het-er-o-mor'phy**, *n.*

**het-er-on-om-ous** (het'ə rŏn'ə məs), *adj.* 1. subject to or involving different laws. 2. pertaining to or characterized by heteronomy. 3. *Biol.* subject to different laws of growth or specialization. [1815-25; HETERO-NOM(Y) + -OUS] — **het-er-on-om-ous-ly**, *adv.*

**het-er-on-om-y** (het'ə rŏn'ə mē), *n.* the condition of being under the domination of an outside authority, either human or divine. [1815-25; HETERO- + NOMY]

**het-er-onym** (het'er ə nīm), *n.* a word spelled the same as another but having a different sound and meaning, as *lead* (to conduct) and *lead* (a metal). [1880-85; < LGk *heterōnymos*. See HETERO-, -ONYM]

**het-er-on-y-mous** (het'ə rŏn'ə məs), *adj.* 1. of, pertaining to, or characteristic of a heteronym. 2. having different names, as a pair of correlatives: *Father and son* are *heteronymous relatives*. [1725-35; < LGk *heterōnymos* having a different name. See HETERONYM-, -OUS] — **het-er-on-y-mous-ly**, *adv.*

**Het-er-o-ou-si-an** (het'ə rŏ ō'sē ə n, -ou'sē ə n), *Eccles.* — *n.* 1. a person who believes the Father and the Son to be unlike in substance or essence; an Arian (opposed to *Homousian*). — *adj.* 2. of or pertaining to the Heterousians or their doctrine. [1670-80; < LGk *heterōousi(ōs)* (Gk *hetero-* HETERO- + *ousi(a)* nature, essence + *-os* *adj.* suffix) + *-AN*]

**het-er-o-phil** (het'er ə fil), *adj.* 1. Also, **het-er-o-phil'ic**. *Immunol.* (of an antibody) having an affinity for an antigen other than its specific antigen. — *n.* 2. *Cell Biol.* a neutrophil. Also, **het-er-o-phil'e** (het'er ə fil'), [1915-20; HETERO- + PHIL]

**het-er-oph-ony** (het'ə rə fŏn'ē), *n.* *Music.* the simultaneous performance of the same melodic line, with slight individual variations, by two or more performers. [1940-45; HETERO- + PHONY] — **het-er-o-ph-on-ic** (het'er ə fŏn'ik), *adj.*

**het-er-o-pho-ria** (het'er ə fŏr'ē ə, -fŏr'), *n.* *Ophthalm.* a latent strabismus of one or both eyes. [1885-90; HETERO- + Gk *-phoria* a carrying, equiv. to *-phor(ōs)* -PHOROUS + *-ia* -IA] — **het-er-o-phor-ic** (het'er ə fŏr'ik, -fŏr'), *adj.*

**het-er-o-phyllous** (het'er ə fil'əs), *adj.* *Bot.* having different kinds of leaves on the same plant. [1820-30; HETERO- + PHYLLOUS] — **het-er-o-phyll'y**, *n.*

**het-er-o-phyte** (het'er ə fit'), *n.* *Bot.* a plant that secures its nutrition directly or indirectly from other organisms; a parasite or saprophyte. Cf. **autophyte**. [HETERO- + PHYTE] — **het-er-o-phyt-ic** (het'er ə fit'ik), *adj.*

**het-er-o-pla-sia** (het'er ə plā'zhe, -zhē ə, -zē ə), *n.* *Pathol.* the replacement of normal cells by abnormal cells, as in cancer. [HETERO- + PLASIA]

the repair of lesions with tissue from another individual or species. [1850-55; HETERO- + PLASTY] — **het-er-o-plas'tic**, *adj.*

**het-er-o-po-lar** (het'er ə pŏl'ər), *adj.* *Chem.* polar (def. 4). [1895-1900; HETERO- + POLAR] — **het-er-o-po-lar-i-ty** (het'er ə pŏ lar'i tē), *n.*

**het-er-o-pter-ous** (het'ə rŏp'tə-rəs), *adj.* belonging or pertaining to the Heteroptera, in some classifications a suborder of hemipterous insects comprising the true bugs. [1890-95; < NL *Heteroptera*(a) + -OUS. See HETERO-, -PTEROUS]

**het-er-o-ptics** (het'ə rŏp'tiks), *n.* (used with a singular *v.*) incorrect or perverted perception of what is seen; hallucinatory vision. [1705-15; HETER- + OPTICS]

**het-er-o-sex** (het'er ə seks'), *n.* *Informal.* heterosexual. [HETERO- + SEX, on the model of HETEROSEXUAL]

**het-er-o-sex-ism** (het'er ə seks'iz ə m), *n.* a prejudiced attitude or discriminatory practices against homosexuals by heterosexuals. [HETERO(SEXUAL) + SEXISM] — **het-er-o-sex'ist**, *n., adj.*

**het-er-o-sex-u-al** (het'er ə seks'shŏ ə l or, esp. *Brit.*, -sɛks'yŏŏ-), *adj.* 1. of, pertaining to, or exhibiting heterosexuality. 2. *Biol.* pertaining to the opposite sex or to both sexes. — *n.* 3. a heterosexual person. [1890-95; HETERO- + SEXUAL]

**het-er-o-sex-u-al-ity** (het'er ə seks'shŏ ə l'i tē or, esp. *Brit.*, -sɛks'yŏŏ-), *n.* sexual feeling or behavior directed toward a person or persons of the opposite sex. [1895-1900; HETERO- + SEXUALITY]

**het-er-o-sis** (het'ə rŏ'sis), *n.* *Genetics.* the increase in growth, size, fecundity, function, yield, or other characters in hybrids over those of the parents. Also called **hybrid vigor**. [1910-15; < LGk *heterōsis* an alteration. See HETERO-, -SIS]

**het-er-os-po-rous** (het'ə rŏs'pə-rəs, het'er ə spŏr'əs, -spŏr'), *adj.* *Bot.* having more than one kind of spore. [1870-75; HETERO- + SPOROUS]

**het-er-os-po-ry** (het'ə rŏs'pə-rē), *n.* *Bot.* the production of both microspores and megaspores. [1895-1900; HETERO- + SPORE + -Y<sup>2</sup>]

**het-er-os-tra-can** (het'ə rŏs'trə-kən), *n.* *Paleontol.* any of several ostracoderm of the order Heterostraci, from the Silurian and Devonian Periods, having the anterior part of the body enclosed in bony plates. [*<* NL *Heterostrac(i)* (pl.) name of the order, equiv. to *heter-* HETER- + Gk *ostrak(ōn)* (sing.) shell + *-AN*]

**het-er-o-styled** (het'er ə stild'), *adj.* (of a plant) having styles of different forms or lengths in the flowers. Also, **het-er-o-styl'ous**. [1870-75; HETERO- + STYLE<sup>1</sup> + -ED<sup>3</sup>]

**het-er-o-tac-tic** (het'er ə tak'tik), *adj.* of, pertaining to, or characterized by heterotaxis. Also, **het-er-o-tac'tous**, **het-er-o-tax-ic** (het'er ə tak'sik), [HETERO- + Gk *takt(ōs)* fixed, ordered, arranged (cf. *tássein* to arrange) + *-IC*]

**het-er-o-tax-is** (het'er ə tak'sis), *n.* abnormal or irregular arrangement, as of parts of the body, geological strata, etc. Also, **het-er-o-tax-i-a** (het'er ə tak'sē ə), **het-er-i-tax'y**. [HETERO- + TAXIS]

**het-er-o-tel-ic** (het'er ə tel'ik, -tē'lik), *adj.* (of an entity or event) having the purpose of its existence or occurrence outside of or apart from itself. Cf. **auto-tel-ic**. [1900-05; HETERO- + TEL-<sup>2</sup> + *-IC*] — **het-er-o-tel'ism**, *n.*

**het-er-o-thallic** (het'er ə thal'ik), *adj.* *Mycol.* 1. having mycelia of two unlike types, both of which must participate in the sexual process. Cf. **homothallic** (def. 1). 2. dioecious. [1900-05; HETERO- + THALLIC] — **het-er-o-thal'ism**, *n.*

**het-er-o-to-pi-a** (het'er ə tŏp'ē ə), *n.* *Pathol.* 1. misplacement or displacement, as of an organ. 2. the formation of tissue in a part where its presence is abnormal. Also, **het-er-o-to-py** (het'er ə tŏp'ē), [*<* NL; see HETERO-, TOP-, -IA] — **het-er-o-top-ic** (het'er ə tŏp'ik), **het-er-otŏ-pous**, *adj.*

**het-er-o-trich** (het'er ə trik), *n.* any ciliate of the suborder Heterotricha, having the body covered uniformly with short cilia. [*<* NL *Heterotricha* name of the order. See HETERO-, TRICHA] — **het-er-otŏ-ri-chous** (het'er ə tŏ trə kəs), *adj.*

**het-er-o-troph** (het'er ə tŏf', -trŏf'), *n.* *Biol.* an organism requiring organic compounds for its principal source of food. Cf. **autotroph**. [1895-1900; HETERO- + TROPH]

**het-er-o-troph-ic** (het'er ə tŏf'ik, -trŏf'ik), *adj.* *Biol.* capable of utilizing only organic materials as a source of food. [1890-95; HETERO- + TROPHIC]

**het-er-o-ty-pic** (het'er ə tip'ik), *adj.* *Biol.* of or pertaining to the first or reductional division in meiosis. Also, **het-er-o-ty-p'i-cal**. Cf. **homeotypic**. [1885-90; HETERO- + TYPIC]

**het-er-o-zy-go-sis** (het'er ə zī gŏ'sis), *n.* *Biol.* the state of being a heterozygote. [1900-05; HETERO- + ZYGOSIS]

**het-er-o-zy-gote** (het'er ə zī gŏt', -zīg'ŏt'), *n.* *Genetics.* a hybrid containing genes for two unlike forms of a characteristic, and therefore not breeding true to type. [1900-05; HETERO- + ZYGOTE]

**het-er-o-zy-gous** (het'er ə zī gŏs'), *adj.* *Biol.* 1. having dissimilar pairs of genes for any hereditary characteristic. 2. of or pertaining to a heterozygote. Also, **het-**

**het-man** (het'mən), *n., pl. -mans* by the chief of Ukrainian Cossacks of a region, with headquarters at Zaporo-zh'e; *<* Ukrainian *hetman* [1700-10; *<* Ukrainian *hetman* eastern dial. form of MHG *houben* *Hauptmann*, captain; cf. G dial. (Swiss) *hettmann*; see *HEAD, MAN'*]

**het-man-ate** (het'mə nāt'), *n.* the domain of a hetman. Also called **het-man-ate**. [1875-80; HETMAN + -ATE<sup>2</sup>]

**HETP**, *Chem.* See **hexaethyl tetraphosphane**

**Het-ty** (het'tē), *n.* a female given name. Also, **Het'tie**.

**het' up!** (het), *Informal.* 1. *Indignation.* She was really het up about the new music. 2. *Excitement.* John is suddenly het up about the new album. [1950-55; *het*, archaic or dial. ptp. of *heat*]

**Heu-cher-a** (hyŏŏ'kər ə), *n.* any of the American plants belonging to the genus *Saxifraga* family, having clusters of flowers, esp. the alumroots. Cf. **corallinaea**, after Johann Heinrich von Saxe, German botanist; see -A]

**heu-land-ite** (hyŏŏ'lən dīt'), *n.* a colorless mineral of the zeolite group, cium aluminum silicate, Ca<sub>2</sub>Al<sub>2</sub>Si<sub>2</sub>O<sub>10</sub>·2H<sub>2</sub>O; basic volcanic rocks in the form of a luster. [1815-25; named after Henry Heuland, English mineral collector; see -ITE]

**Heu-ne-burg** (hyŏŏ'nə bŭrg'), *n.* a cavated prehistoric site in SW West Germany, consisting chiefly of a great early Iron Age dating mostly to the second half of the 6th c. B.C. and indicating that the inhabitants had intensive trade with cities in the east.

**heu-ri-ge** (hoi'ri gē), 1. a local wine of the Vienna region of Austria and drink of young. 2. a Viennese inn or tavern where is served and often made. [1930-35; *Heurige*, *Heurige*]

**heu-ris-tic** (hyŏŏ ris'tik or, often, -stik), *adj.* used to indicate or point out; stimulating; means of furthering investigation; person to learn, discover, understand, or on his or her own, as by experimenting, answers or solutions, or by training. 3. *Heuristic teaching method.* 4. *Computers, Math.* pertaining to a method of problem solving used when a direct approach is impractical. — *n.* 5. a heuristic argument. 6. the study of heuristic processes. *<* NL *heuristicus*, equiv. to Gk *heurisko* discover + *L*-isticus -istic] — **heu-ris-tic-ly**, *adv.*

**Heusler alloy** (hyŏŏs'lŏr; Ger. *Heusler-Legierung*), *n.* various alloys of manganese and other metals that exhibit ferromagnetism. Named after Heusler, 19th-century German mathematician.

**he-ve-a** (hē've ə), *n.* See **Pará rubber**. [*<* NL *<* *Hevé*, perh. *<* an indigenous name in Guiana]

**He-ve-lian ha'lo** (hə vā'lē ə n), *n.* with an angular radius of 90° that surrounds the sun or the moon, thought to be reflection and refraction of sunlight. [after J. HEVELIUS; see -IAN]

**He-ve-lius** (hə vā'lē əs; Ger. *hevelius* Johann Hevel or Hevelke), *n.* astronomer who charted the moon's surface and discovered four comets. 2. a walled plain on the face of the moon: about 100 mi (160 km) long.

**He-ve-sy** (hē've shē), *n.* **Georg von Hevesy** (1858-1936), Hungarian chemist: Nobel laureate; discovered the radioisotopes of cesium and barium.

**hew** (hyŏŏ or, often, yŏŏ), *v.* **hewed**, **hewing**. — *vt.* 1. to strike forcibly with a tool or other cutting instrument; chop; cut: *hewed a path through the forest*. 2. to cut or shape: *hewed a surface smooth, etc.* 3. to cut or shape: *hewed a path through the forest*. 4. to cut or shape: *hewed a path through the forest*. 5. to cut or shape: *hewed a path through the forest*. 6. to cut or shape: *hewed a path through the forest*. 7. to cut or shape: *hewed a path through the forest*. 8. to cut or shape: *hewed a path through the forest*. 9. to cut or shape: *hewed a path through the forest*. 10. to cut or shape: *hewed a path through the forest*. 11. to cut or shape: *hewed a path through the forest*. 12. to cut or shape: *hewed a path through the forest*. 13. to cut or shape: *hewed a path through the forest*. 14. to cut or shape: *hewed a path through the forest*. 15. to cut or shape: *hewed a path through the forest*. 16. to cut or shape: *hewed a path through the 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# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.