

1.1 Understanding Biological Names

Below are some scientific names for some fictitious plants. Each scientific name is made from a variety of prefixes, roots and suffixes. Try to break down the following names to determine either what these plants might look like, where they live, or what they might resemble.

1. *Helicoparilla oxystipes*
2. *Flexirhops ammodfolium*
3. *Celestiphytum implexanthemis*
4. *Celestigranum cavi cladus*
5. *Solarirhops mellicalia*
6. *Cheimosisymbrium euthyeleagnus*
7. *Horridvitis gracilieleagnus*
8. *Rodogranum euthycladus*
9. *Latigranum schizoanthemis*
10. *Hyphaenparilla ligatacantha*

Key:

acantha - thorn or spine (Greek)
 ammo - of the sand (Greek)
 anthemis - flower (Greek)
 calia - A nest, a hut (Greek)
 cavi - hollow (Latin)
 celesti - heavenly (Latin)
 cheimo - winter (Greek)
 cladus - a branch, sprout (Greek)
 eleagnus - a marsh plant (Greek)
 euthy - straight (Greek)
 flexi - bend, pliant (Latin)
 folium - leaf (Latin)
 gracili - slender (Latin)
 granum - grass (Latin)
 helico - spiral (Greek)
 horrid - rough, prickly (Latin)
 hyphaen - weave (Greek)
 implex - twisted (Latin)
 lati - broad, wide (Latin)
 ligat - bound, tied (Latin)
 melli - honey (Latin)
 oxy - sharp; acid (Greek)
 parilla - a little vine (Latin)
 phytum - plant (Greek)
 rhops - bushes, brush (Greek)
 rodo - a rose (Greek)
 schizo - split, cleave (Greek)
 sisymbrium - a sweet-smelling plant (Greek)
 solari - of the sun (Latin)
 stipes - a stalk, stem (Latin)
 vitis - vine (Latin)