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valve is detached it may be likened to a cornucopiæ with a very flaring mouth, holding 2 seeds.

*SILENE BOLANDERI*: multicaulis, nana, tomentulosa; caulibus 1-5-floris; foliis spathulatis acutis basi (summis exceptis) longe attenuatis; calyce oblongo-clavato haud viscoso, dentibus ovato-oblongis acutiusculis; petalis pallide roseis calyce duplo longioribus dentibus 2 minimis coronatis, ungue lato basim versus villosociliato, lamina 4-6-partita, segmentis lanceolatis seu linearibus uno alterove nunc apice bifidis; ovario brevissime stipitato. — Wooded hillsides, Long Valley, Plumas Co., Bolander. Stems 3 to 5 inches high, many from a deep perpendicular root, leafy. Leaves  $1\frac{1}{2}$  to 2 inches long, including the tapering base or winged petiole. Peduncle of the primary flower an inch and a half long. Calyx-teeth 2 or 3 lines long. "A very showy" and distinct species.

*SILENE INCOMPTA*: viscoso-puberula; caulibus cæspitose-aggregatis patulis (ultrapedalibus) foliosis thyrso laxifloro racemiformi vel paniculato terminatis; foliis oblongis seu ovali-lanceolatis acutis; pedicellis flore brevioribus; calyce cylindræo (fructifero ovoideo vix semipollicari), dentibus lanceolatis tubo dimidio brevioribus; petalis albidis parvulis, lamina lineari-oblonga ungue apice utrinque unidentato vix latiori bifida, lobis nunc emarginatis vel bilobis, corona e dentibus subulatis. — Mount Bullion, and in the Yosemite Valley, in large tufts, Bolander. — Calyx sometimes purplish towards the base. Lamina of the petals only 3 lines long.

#### ACHYRONYCHIA, Torr. & Gray, nov. gen.

Calyx 5-fidus, persistens; tubo 10-nervi coriaceo demum cylindræo; lobis mox radiato-patentibus ovalibus muticis præter basim calloso-incrassatam argenteo-scariosis enerviis. Petala nulla. Filamenta vel staminodia 15 fauci uniseriatim inserta, tenuia, subulata, unicum (rarissime 2?) antheriferum, cætera sterilia. Anthera didyma. Ovarium uniloculare, filo conductorio axili tenuissimo percursum: stylus brevis, bifidus. Ovula 2, basilaria, erecta, anatropa? funiculis brevibus. Utriculus tenuis, calycis tubo indurato inclusus, pyriformis, ovulo altero sterili superstite monospermus. Semen oblongo-pyriforme, facie recta rhapsi brevi cum chalaza longe infra medium notata. Embryo dorsalis, albuminis parci farinacei hinc applicitus, radícula elongata fere recta, cotyledonibus brevibus accumbenti-incurvis. — Herbula annua, depressa, *Paronychia* seu *Alternanthera sessilis* facie;