

Pterichis leo sp. nov., habitu *P. galeata* Lindl. et *P. weberbauriana* Kränzl. similis, sine dubio his speciebus proxima, differt labello rhomboideo, longitudine latitudine subaequantia, petaliis non unguiculatis.

Herba paludosa, parva, totta piloso-glandulosa viscidula; caulis brevissimus radices carnosissimas emittens, simplices. Folia una (raro 2-3) cito decidua, 7-8 cm longa, 15-17 mm lata, apicem acuta, viride, nervo medio purpureo. Inflorescentia adscendentes usque ad 30 cm longa, 10-15-florae, piloso-glandulosa; pedunculus $\pm$ 20 cm longus, bracteae distantes, arcte vaginantes, acutae 35-40 mm longae, 12-14 mm latae. Flores adscendentes, non resupinatas, pedicellus cum ovario 15 mm longus. Sepalum intermedium lanceolatum, acutum, purpurascens, 9-9.5 mm longum, 3.8-4 mm latum, extus piloso-glanduloso, intus glabrus, marginibus pellucidis; sepala lateralia lanceolata, acuta, 6-7 mm longa, 4 mm lata, recurvata. Petala libera e basi oblique curvatim lanceolata, apicem obtuso-rotundata, 8-9 mm longa, 3-3.2 mm lata, virides sed purpureo suffusa; tepala omnia trinervia, nerviis xerampelineis. Labellum arcte incurvatum et longitudinaliter plicatum, apicem breviter lobulatum, 7 mm longum, e parte media vix 10 mm latum, basim recto vel pauciter excavatum, apicem obtusum, carnosum, glandulis papillatis marginibus obtectus, glandulae flavae. Columna teres, truncata, brevissima, 2 mm longa; pollinia fusiformia, 1.5 mm longa, stipitibus viscidio communi punctiformi atropurpureum conniventibus; rostellum leviter productum, obtusum. Capsulae anguste ellipsoideae, 12-15 mm longae, vix 4 mm diametro, 6-costatae.

HOLOTYPE: In sphagnetum, 3 de Junio, Prov. de San Jose, 2800-3000 m, J. Gomez-L. 1243, CR. PARATYPE: In bog, Cerro de la Muerte, Cartago, 3100 m, L. Glicenstein in L.D. Gomez 18574, CR. The new species is named in honor of Leon Glicenstein, ardent student of our native orchids, for his many years of devoted and careful fieldwork.

The Costa Rican representatives of this mainly South American genus can be separated as follows:

- 1- Labellum chartreuse or very pale sulphur yellow, rounded cordate at base, apiculate-subulate at apex, with 2-3 veins on each side, these 1-3-branched. Lateral petals usually adhering to the dorsal sepal..... *P. costaricensis* O. Ames & Schweinf.
- 1¹ Labellum xerampelinum or greenish-marron, with marginal yellow papillae, straight or excavate at base, obtuse and flat at apex, with 4-6 veins/ side, these 1-forked. Tepals all free... *P. leo*