

野牡丹科一新属——虎颜花属*

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A NEW GENUS TIGRIDIPALMA C. CHEN OF
MELASTOMATACEAE

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虎颜花属 (新属)

Tigridiopalma C. Chen, gen. nov.

Genus ad Subfam. Melastomatoideam, Trib. Sonerileam Triana pertinens, sed ab *Amphiblemma* Naud. (ex African.) calycibus 5-angulatis, hoc angustate alatis, anthera lineari, apice obtusa, basi antice 2 tuberculata, scorpioideo-cyma differt; a *Phyllagathe* Blume floribus 5-meris, cymis scorpioideis, staminibus inaequilongis, anthera lineari, apice obtusa, majore connectivali ad inferam stipita elongata formenti, basi antice 2 tuberculata, postice leviter acuta, minore anthera basi antice 2 tuberculata, postice calcarata distincta distinguenda.

Herba, caule brevi. Folia saepe membranacea, margine serrulata, 9-nervia, nervis lateralibus parallelis, longe petiolata. Flores 5-meri, scorpioideocymis axillaribus, longe pedunculatis (i.e. scapis), glabris; calyce infundibulari, quinque-angulato, ad angulo alato, apice truncato, lobis acutiusculis; petala saepe obovata, obliqua, apice acutiuscula, staminibus 10, conformibus, inaequilongis, curvatis, filamentis filiformibus; anthera lineari, apice obtusa, majoribus connectivalibus ad inferam breviter stipitatis formentibus, a quibus basi antice 2 tuberculatis, postice leviter acutis, minoribus connectivalibus basi haud stipitatis, antice 2 tuberculatis, postice calcaratis distinctis; ovario ovato, 5-loculari, apice membranaceo-coronato, 5-lobato; ovulia plura placentae centrali liberae. inserta. Capsulae infundibulari-poculiformes, apice truncates, 5-lobates, membranaceo-corones suberulatas, extra calycem expositas; calyce persistenti quinque-angulato; seminibus minutis, cuneatis, dense verruculatis ornatis.

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Species unica, provinciae Kwangtung sinæ endemicae.

Typus generis: *T. magnifica* C. Chen

草本, 茎较短。叶通常膜质, 边缘具细齿, 9 基出脉, 侧脉互相平行, 与基出脉垂直; 具长柄。蝎尾状聚伞花序, 腋生, 具长总花梗 (即花葶), 无毛; 花 5 数, 花萼漏斗形, 5 棱形, 棱上具翅, 顶端平截, 裂片点尖; 花瓣通常倒卵形, 1 侧偏斜, 顶端点尖; 雄蕊 10, 同形, 不等长, 弯曲; 花丝丝状, 花药线形, 单孔开裂, 药隔微膨大, 长者药隔下延成短柄, 末端前方具 2 小瘤, 后方微突起, 短者花药基部具小瘤, 药隔下延成短距; 子房卵形, 上位, 5 室, 顶端具膜质冠, 通常 5 裂, 胚珠多数, 特立中央胎座。蒴果漏斗状杯形, 顶端平截, 5 裂, 膜质冠木栓化, 伸出宿存萼外, 宿存萼与果同行, 5 棱形; 种子小, 多数, 楔形, 密布小突起。

1 种, 我国特有, 产于广东。

属模式种: 虎颜花 (*T. magnifica* C. Chen)

本属与产于非洲的 *Amphiblemma* Naud. 很相似, 但本属花萼 5 棱, 棱上具翅, 花药线形, 顶端钝, 基部前方具 2 小瘤, 具蝎尾状聚伞花序, 可以区别; 与锦香草属 (*Phyllagathis* Blume) 的区别是, 花 5 数, 蝎尾状聚伞花序, 雄蕊不等长, 花药线形, 顶端钝, 长者药隔下延呈柄, 基部前方具 2 小瘤, 后方微突起, 短者药隔前方具 2 小瘤, 后方具短距。本属的发现将更丰富我国这一地区的植物系区成分。

虎颜花 (新种) 虎掌 (广州)

Tigridiopalma magnifica C. Chen, sp. nov.

Herba erecta, caule brevissimi, rubro-hispida, breviter crasseve rhizomatice, ca. 6 cm longa, paulum lignescens. Folia basalia, membranacea, rotundata, apice subrotunda, basi cordata, 20-30 cm longa cum lata vel majora, margine irregulariter erosulo-dentata, ciliata, 9-nervia, supra glabra, nervis primariis planis, lateralibus paulo prominentibus, subtus dense furfuraceis, nervis prominentibus, conspicuis, rubro-villosis puberulatisque; petiolata cylindracea carnosae, 10-17 cm longa vel longiora, rubro-hispida, canalinculata. Scorpioideo-cyma axillaris, longe pedunculata, 24-30 cm longa, glabra, obtuse quinque-angulata; bracteis minimis, caducis, pediculis 5-angulatis, ad angulos angustate alatis; calyce infundibulari, 5-angulato, ad angulum crispe angustateque alato, apice truncato, lobo brevissimo, acutiusculo, ad apicem alarum posito; petala sanguinea, obliqua, late obovata et subrhombiformi, apice truncata, obliqua, acutiuscula, ca. 10 mm longa, 6 mm lata; staminibus majoribus ca. 18 mm longis, anthera ca. 11 mm longa, connectivo ad inferam breviter stipitato formenti, ca. 1 mm longo, basi antice 2 tuberculato, postice breviter calcarato, minoribus 12-14 mm longis, antheris 7-8 mm longis, basi 2 tuberculatis, connectivo breviter calcarato elongato; ovario ovato, apice membranaceo-coronato, 5-lobato, margine ciliato. Capsula infundibulari-poculiformi, apice truncata, membrana-

ceo-coronis suberculatis, margine irregulariter denticulatis, extra calycem expositis; calyce persistenti 5-angulato, ad angulo angustate alato, ca. 1 cm longo, ca. 8 mm diam., pedicello fructifero ca. 2 cm longo, angustate alato.

Kwangtung, Yangchun, in rupibus calcareis ripariis humis humectis juxta flumen, 1. Nov. 1935. C. Wang 38602 (Typus in Herb. Inst. Bot. Austro-Sin., Acad. Sin.); Xinyi, S.P. Ko 51201; Maoming, Zhanjiang-exp. 4123.

草本，直立，茎极短，被红色粗硬毛，具短且粗的根状茎，长约6厘米，近木质化。叶基生，叶片膜质，圆形，顶端近圆形，基部心形，长与宽20—30厘米或更大，边缘具不整齐的锯齿状细齿，具缘毛，基出脉9，叶面无毛，基出脉平整，侧脉及细脉微隆起，背面密被秕糠，脉均隆起，明显，被红色长柔毛及微柔毛；叶柄圆柱形，肉质，长10—17厘米或更长，被红色粗硬毛，具槽。蝎尾状聚伞花序，腋生，具长总梗，长24—30厘米，无毛，钝四棱形；苞片极小，早落；花梗具棱，棱上具狭翅，多少被秕糠，长8—10毫米，有时具节；花萼漏斗形，无毛，5棱形，棱上具绉波状狭翅，顶端平截，裂片极短，点尖，着生于翅顶端；花瓣暗红色，偏斜，广倒卵形至近菱形，顶端平，偏斜，具小尖头，长约10毫米，宽6毫米；雄蕊长者约18毫米，花药长约11毫米，药隔下延成短柄，柄长约1毫米，末端前方具2小瘤，后方微具短距，短者长12—14毫米，花药长7—8毫米，基部具2小瘤，药隔下延成短距；子房卵形，顶端具膜质冠，5裂，裂片边缘具缘毛。蒴果漏斗状杯形，顶端平截，冠木栓化，5裂，边缘具不规则的细齿，伸出宿存萼外；宿存萼漏斗状杯形，5棱形，棱上具狭翅，长约1厘米，直径约8毫米；果梗长约2厘米，具狭翅。花期约11月，果期3—5月。

产广东西南部（海南岛未发现），海拔约480米的山谷密林下，荫湿处的溪旁，河边或岩石上积土。模式标本采于广东阳春。

广东：阳春，八甲河尾，湿石上，1935.11.1，黄志38602（模式，标本藏于中国科学院华南植物研究所标本室）；信宜，高锡朋51201；茂名，湛江植物调查队4132。